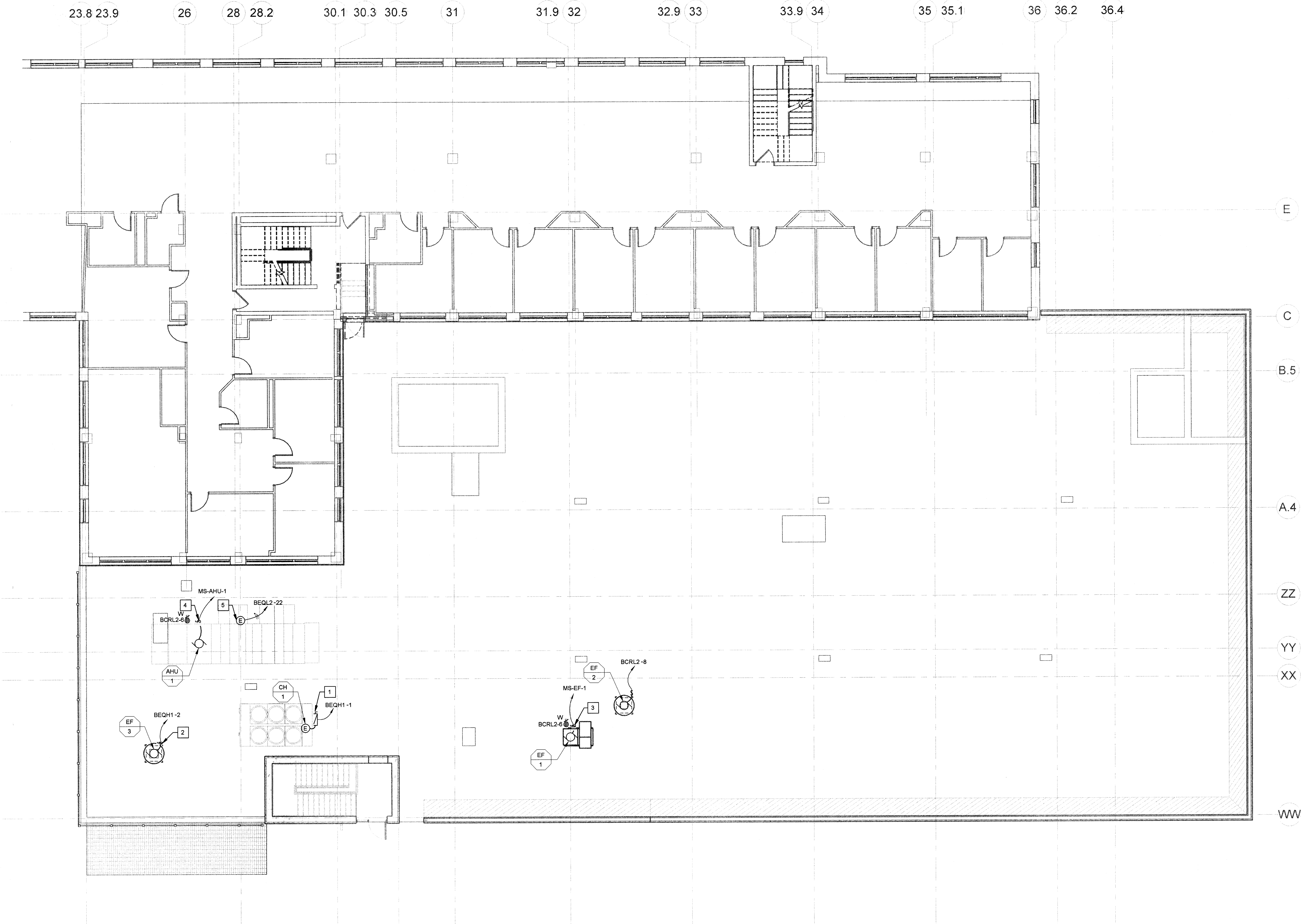


GENERAL NOTES:

1. COORDINATE INSTALLATION REQUIREMENTS WITH DIVISION 22 AND 23 CONTRACTORS. REFER TO EQUIPMENT DATA SCHEDULE ON SHEET E600.

KEYED NOTES:

1. PROVIDE AND INSTALL 400A-3P, 480V FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE AND INSTALL 30A-3P, 480V DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. PROVIDE UNISTRUT MOUNTING AS REQUIRED.
3. PROVIDE AND INSTALL 30A-3P, 480V DISCONNECT SWITCH WITH AUXILIARY CONTACTS IN NEMA 3R ENCLOSURE. COORDINATE INSTALLATION WITH DIVISION 23 CONTRACTOR.
4. PROVIDE AND INSTALL 60A-3P, 480V DISCONNECT SWITCH WITH AUXILIARY CONTACTS IN NEMA 3R ENCLOSURE. COORDINATE INSTALLATION WITH DIVISION 23 CONTRACTOR.
5. PROVIDE AND INSTALL A SELF REGULATING HEAT TRACE CABLE SYSTEM ON BOTH FOUR INCH CHILLED WATER PIPES. THE HEATING ELEMENT SHALL CONSIST OF A CONTINUOUS CORE OF CONDUCTIVE POLYMER EXTRUDED BETWEEN TWO COPPER WIRES. THE HEAT TRACE SYSTEM SHALL MAINTAIN 40 DEGREES WITH A MINIMUM -20 DEGREE START, 8 WATTS/FOOT. PROVIDE (1) 20A, 120V-1P CIRCUIT INDICATED ON GFCI CIRCUIT BREAKER. COORDINATE INSTALLATION WITH DIV. 23 CONTRACTOR.



ROOF PLAN - POWER

100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Revisions:	Date

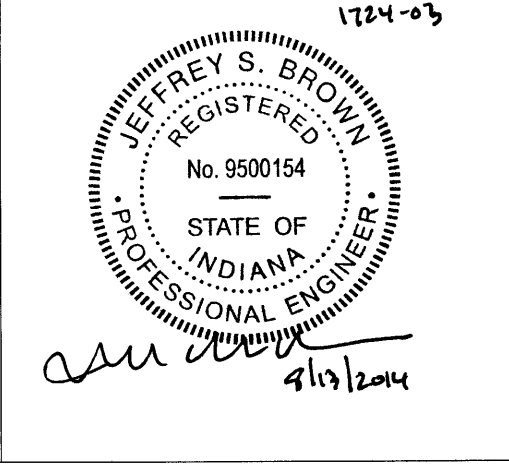
VA VA NORTHERN INDIANA
HEALTH CARE SYSTEM,
FORT WAYNE
2121 Lake Ave. Fort
Wayne, IN 46805

ARCHITECT/ENGINEERS:

AMERICAN STRUCTUREPOINT INC.
7280 SHADELAND STATION
INDIANAPOLIS, IN 46256-3957
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Ross & Baruzzini
8250 Havenstick Road
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Indianapolis, IN 46240
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CONSULTANTS:



Drawing Title
ROOF PLAN - ELECTRICAL

Approved: Project Director

Project Title
**SPS BASEMENT ADDITION
VA PROJECT # 610A4-12-400**

Location
2121 Lake Ave. Fort Wayne, IN 46805

Date
08/15/2014

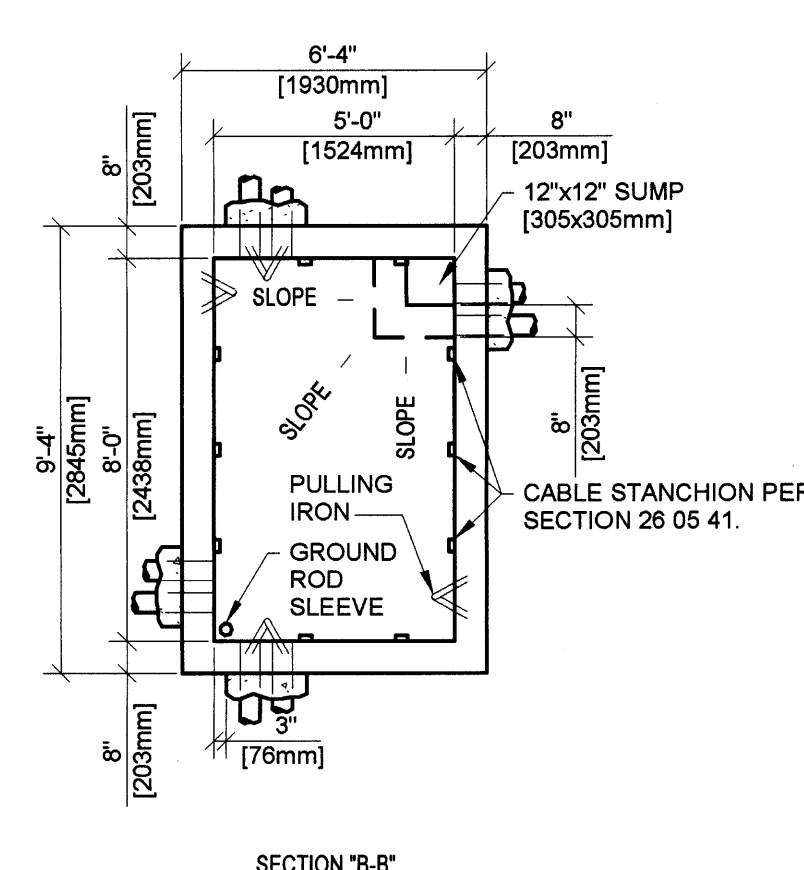
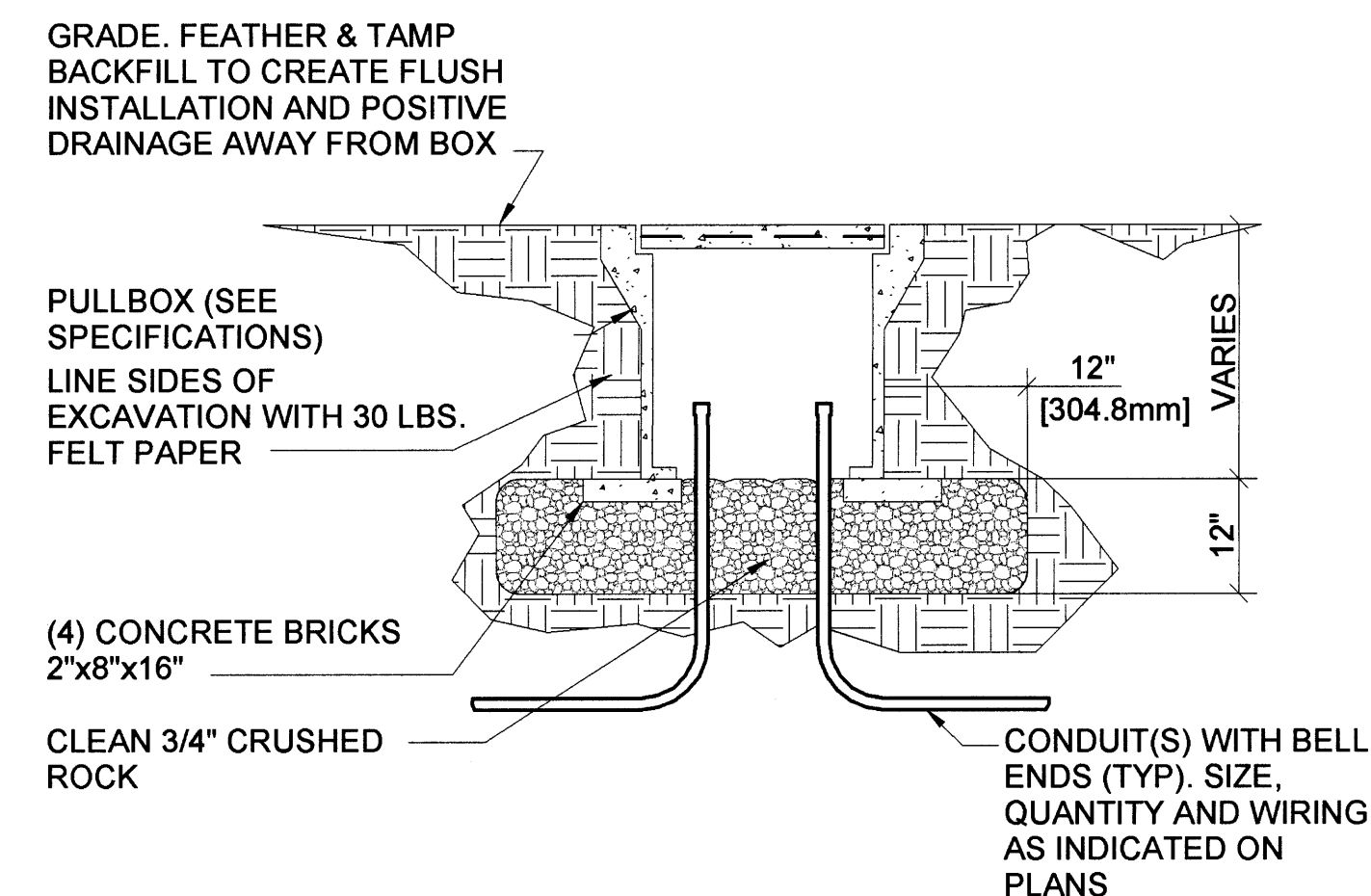
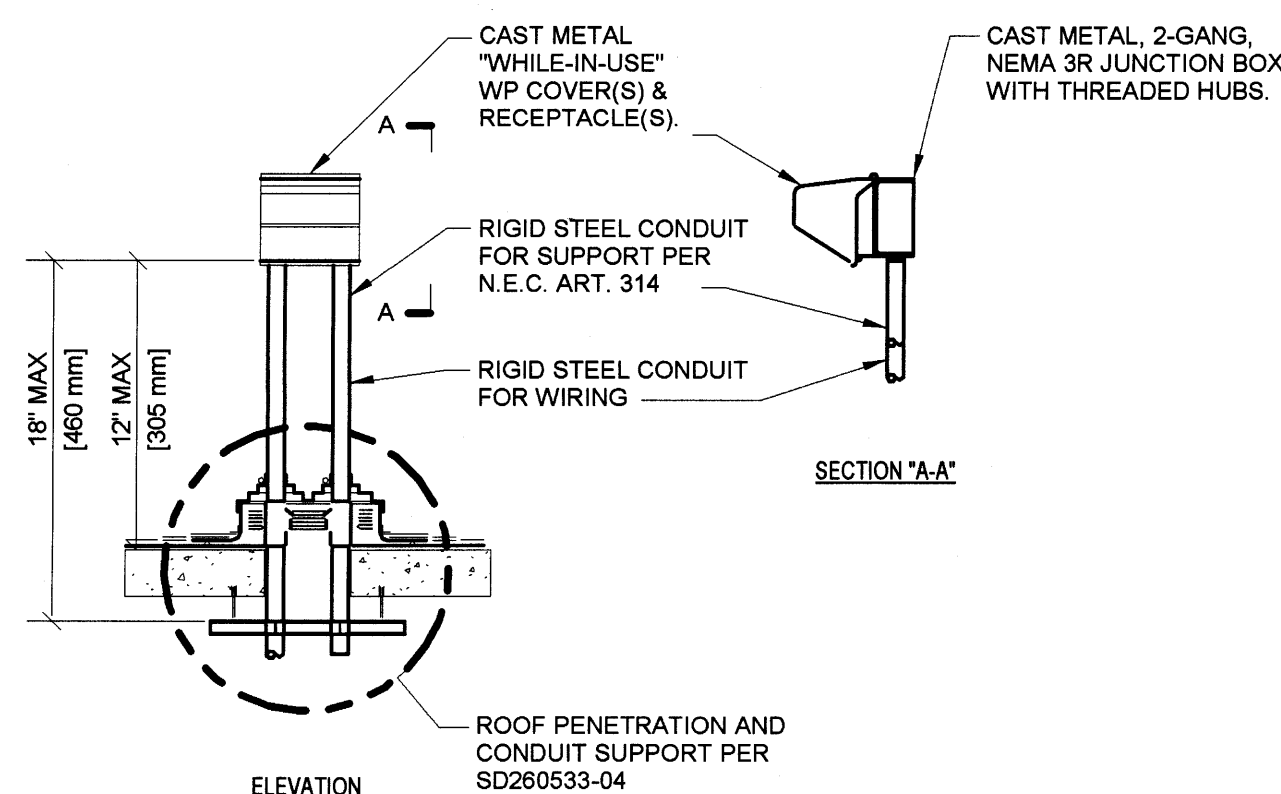
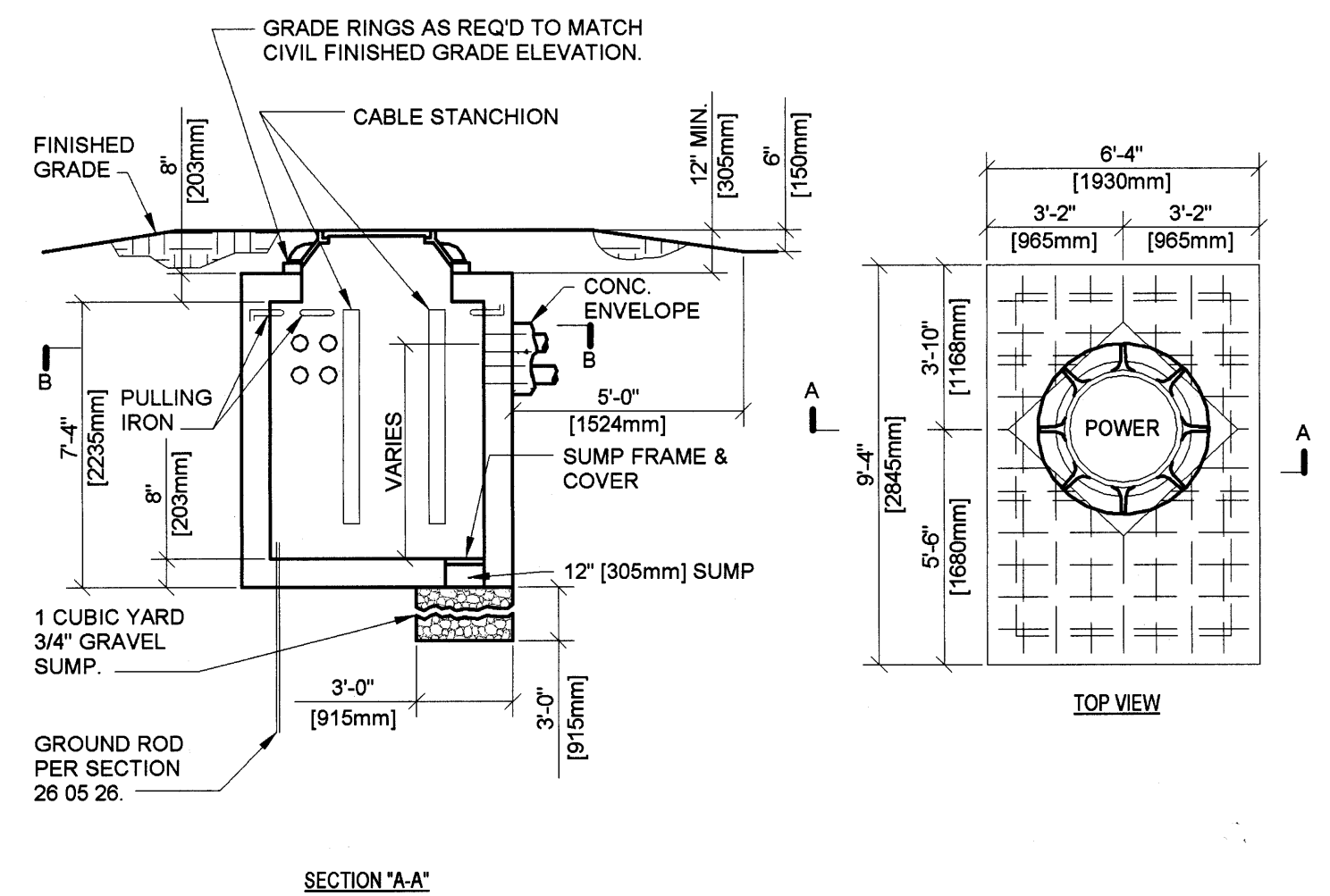
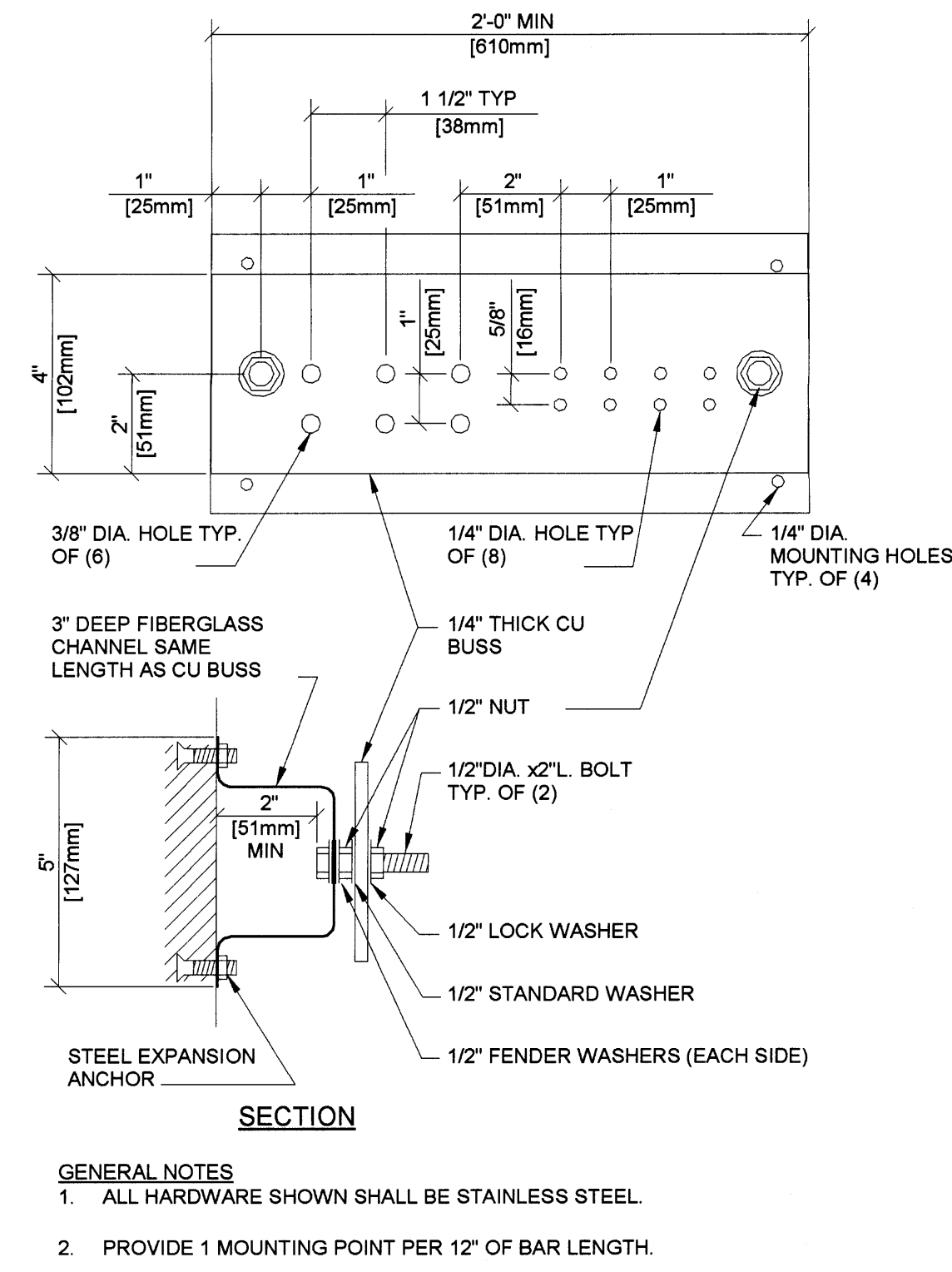
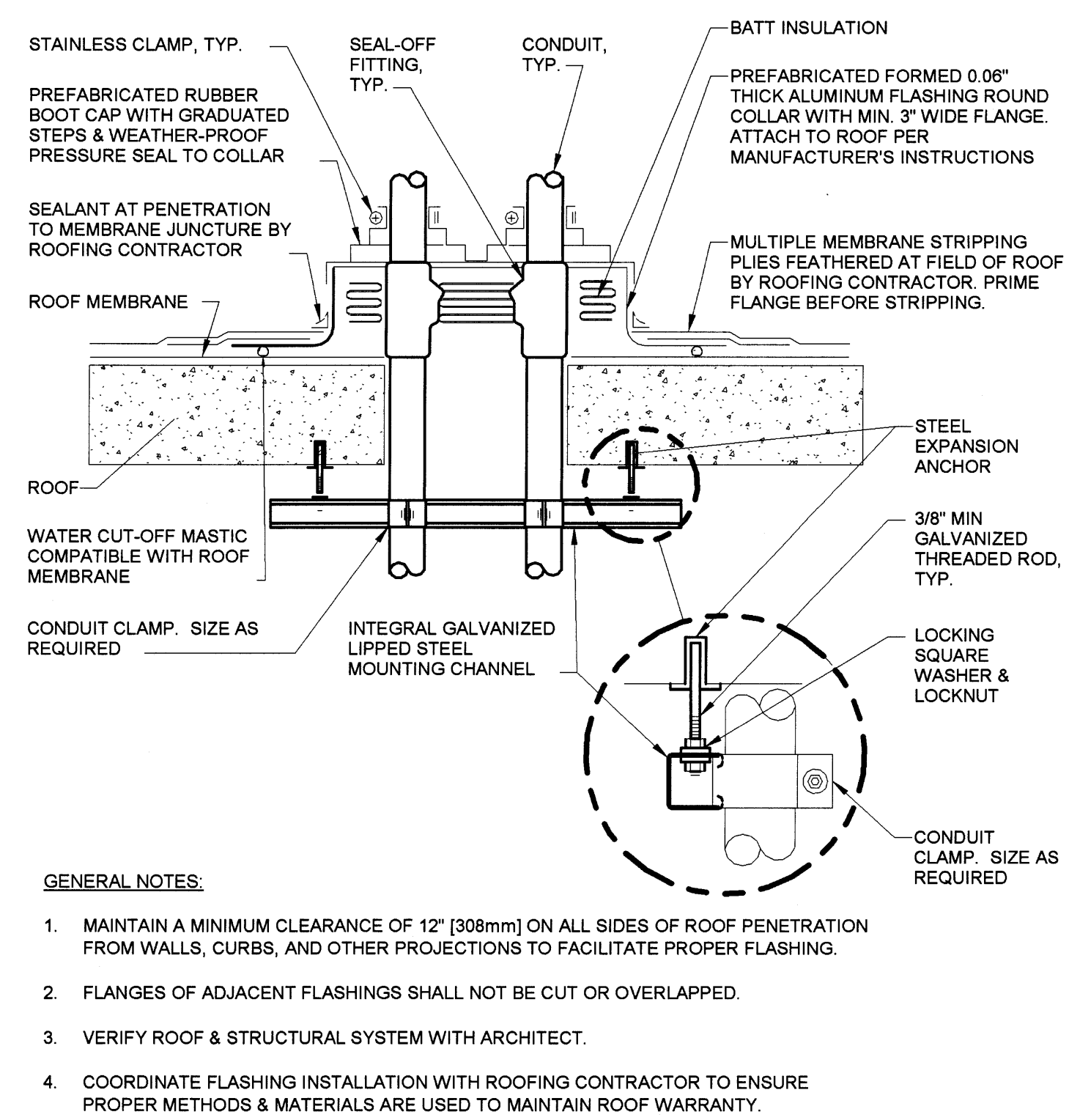
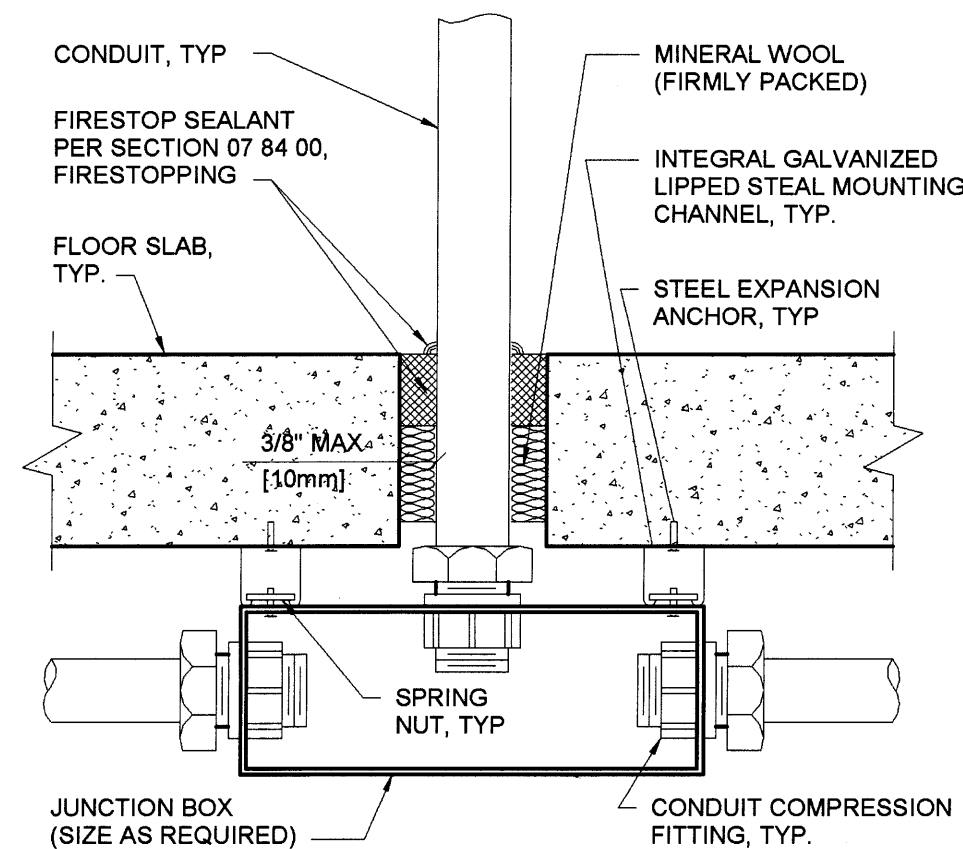
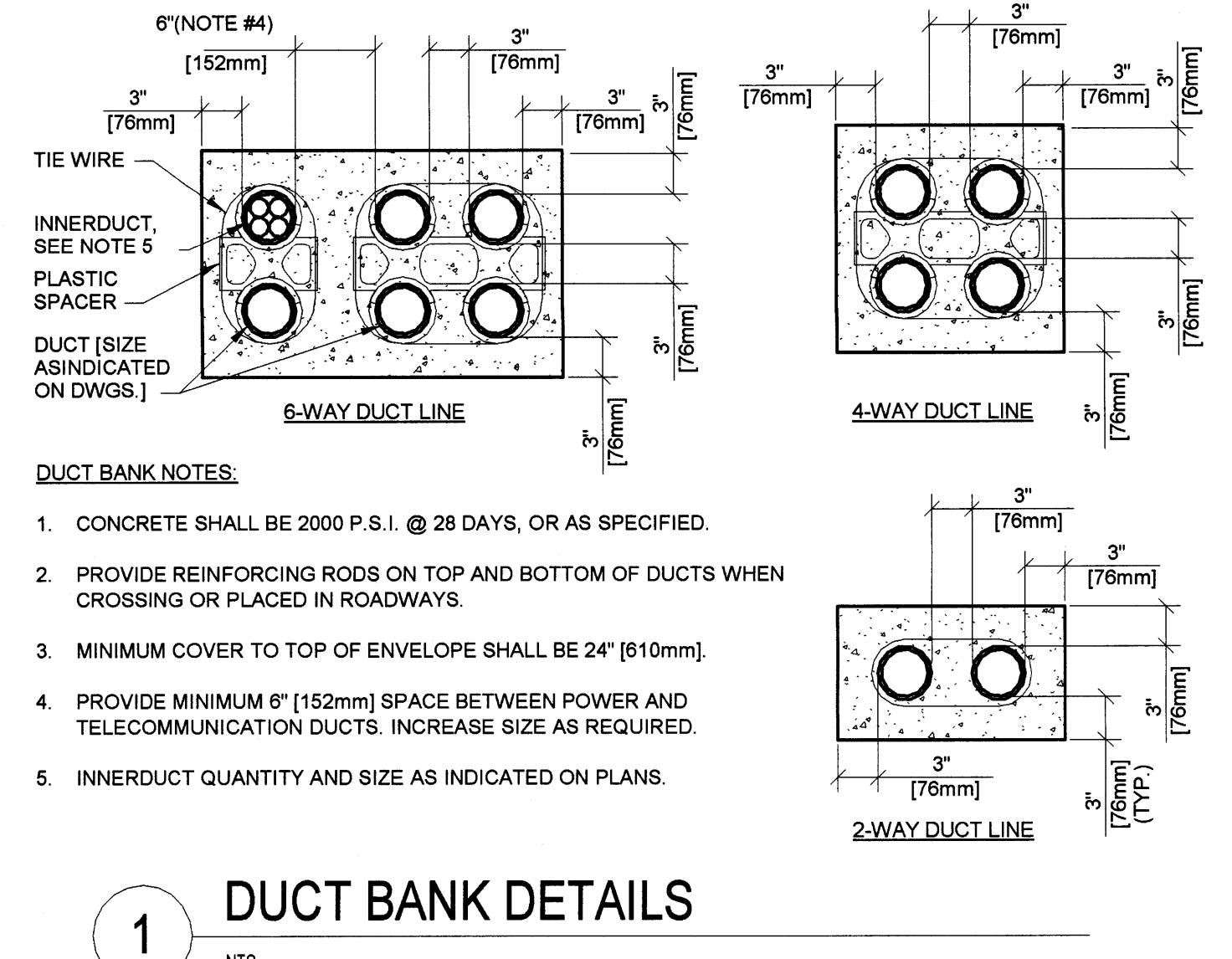
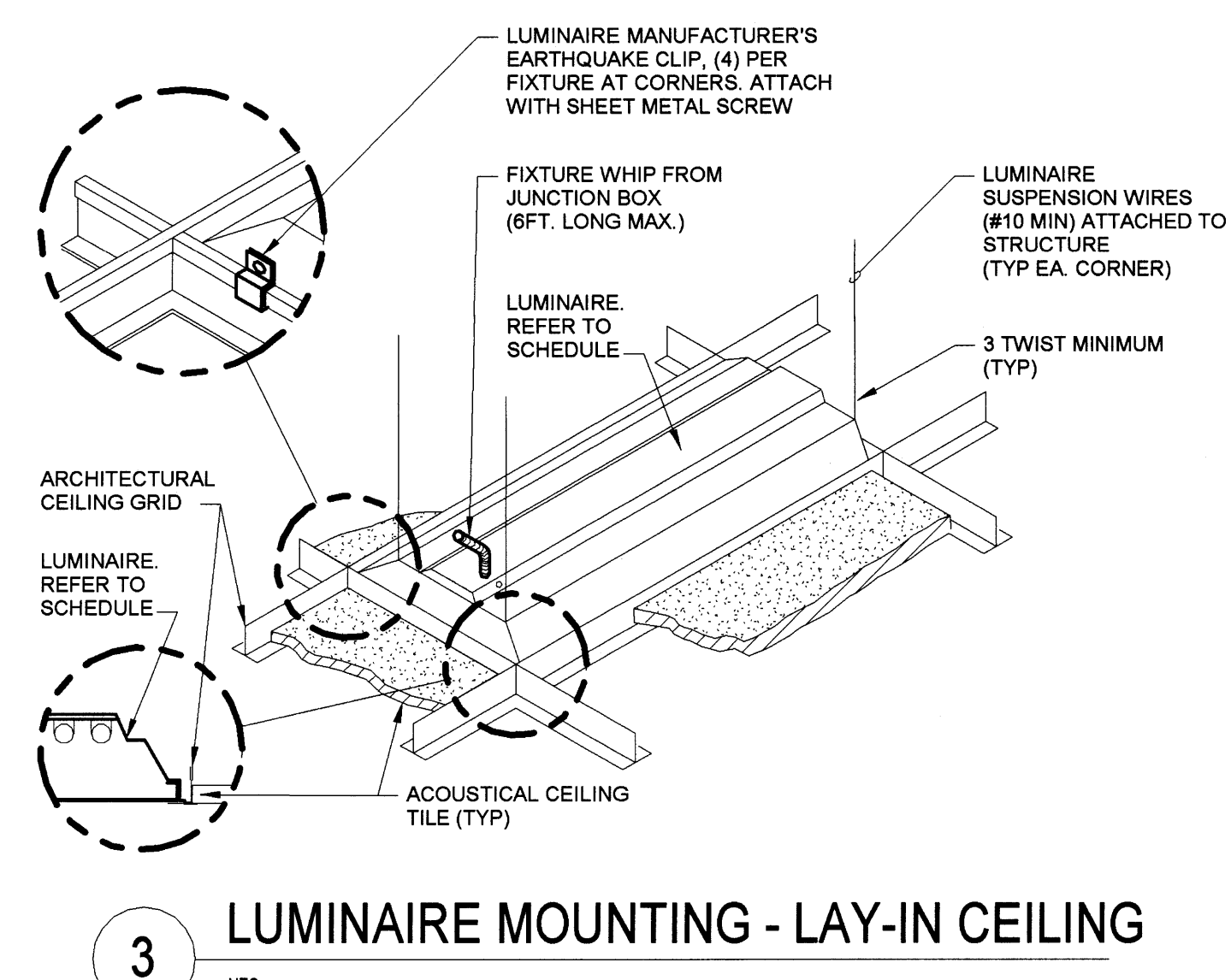
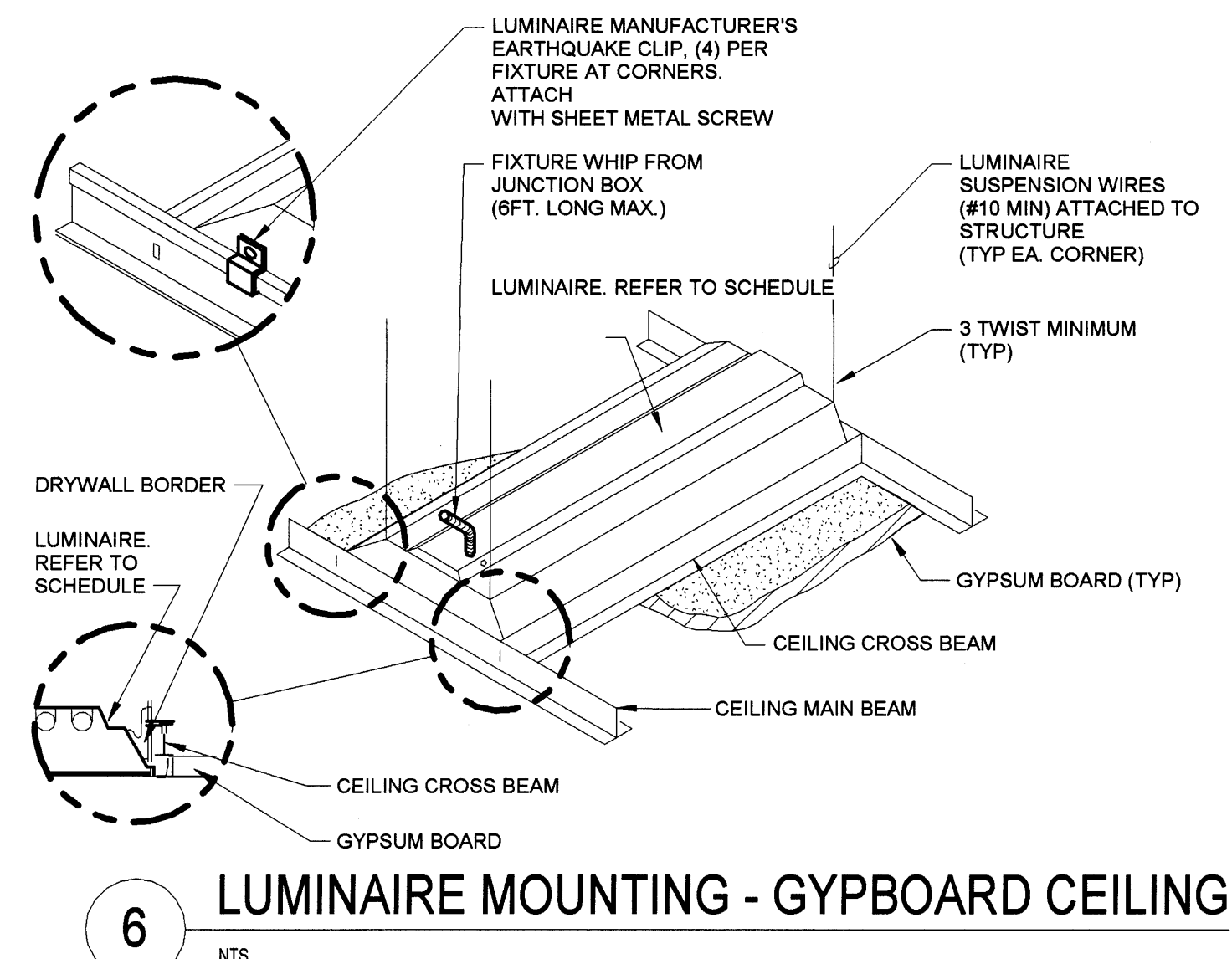
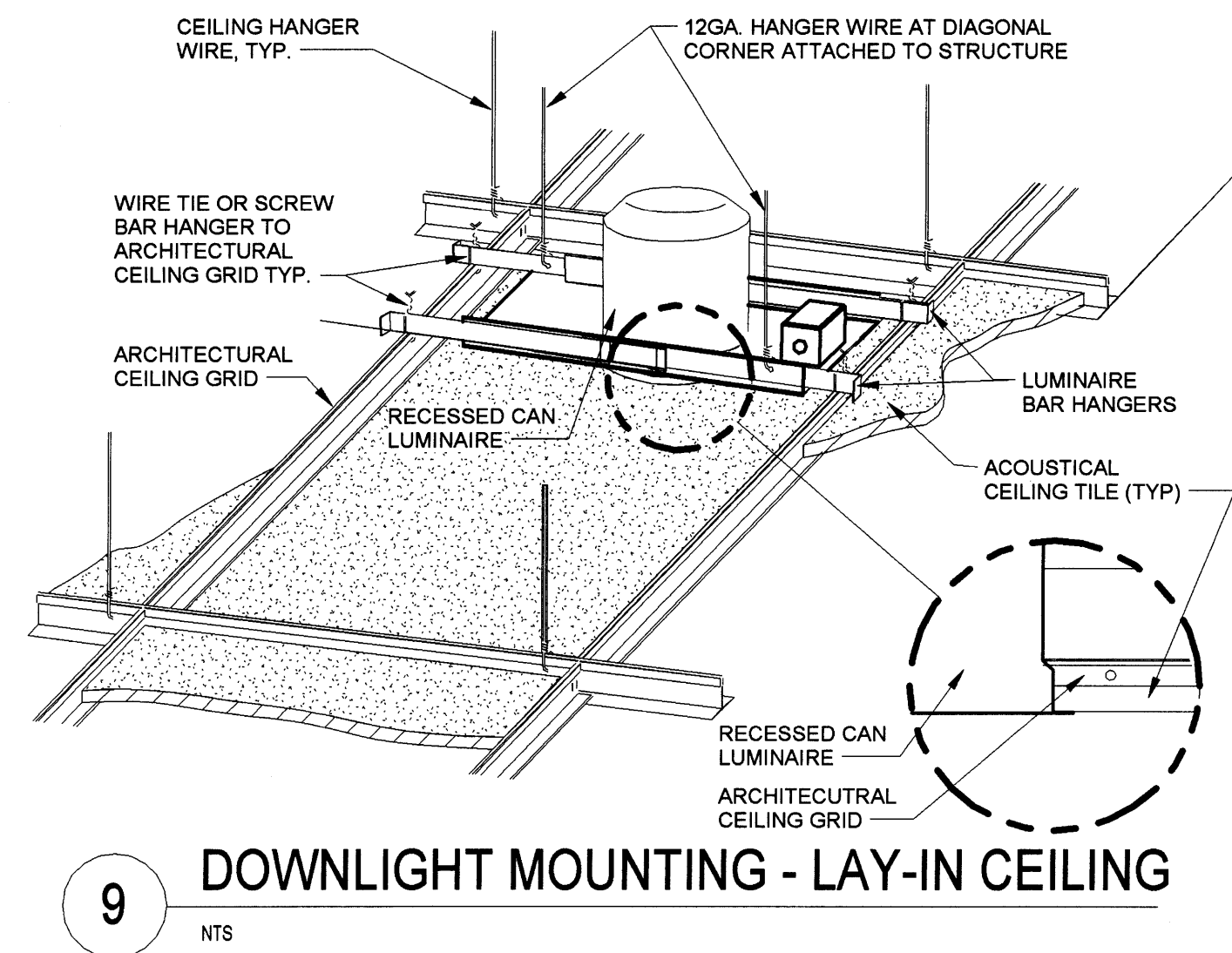
Project Number
2010.00629.0005

Building Number
01

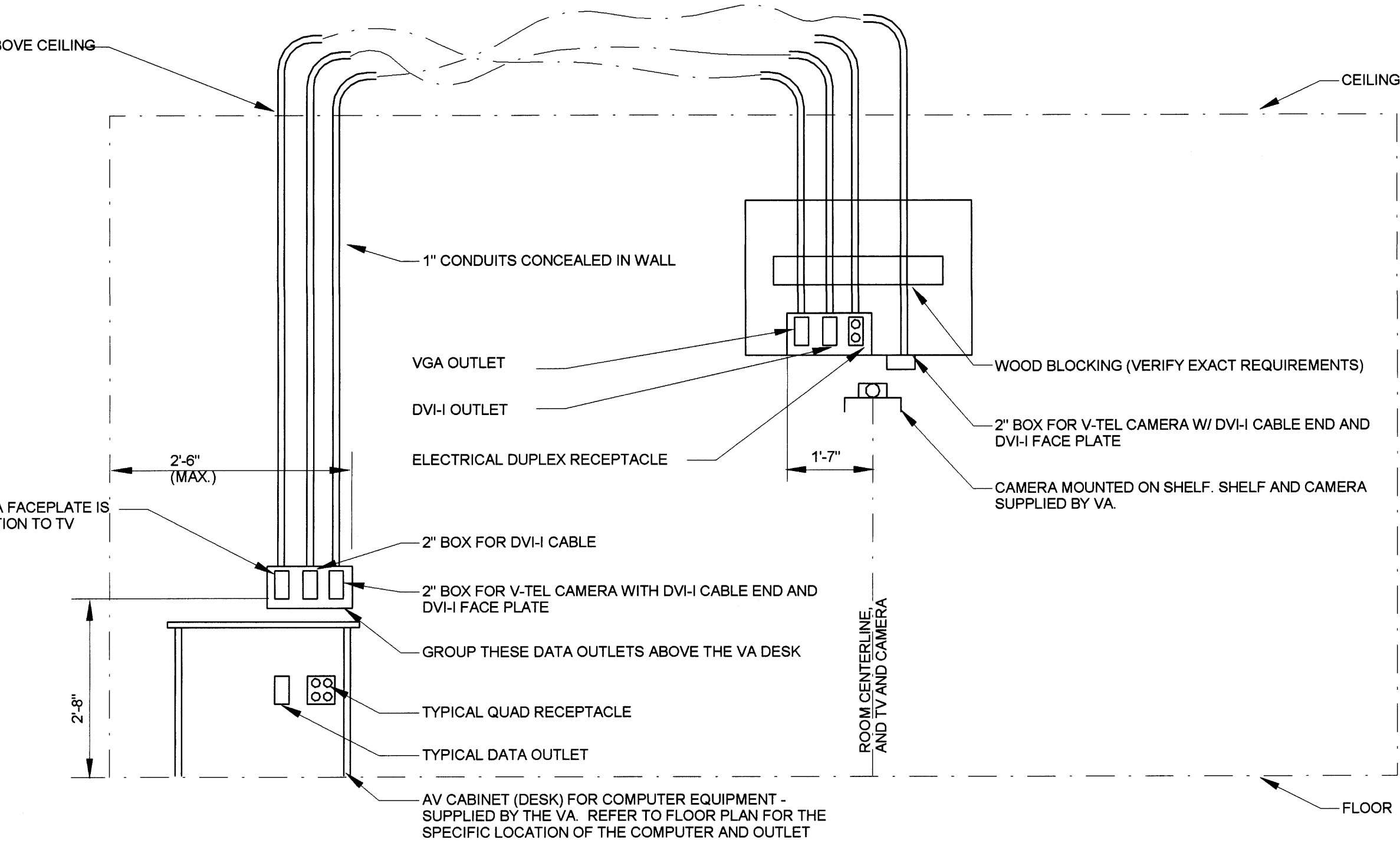
Drawing Number
E200

Office of
Construction
and Facilities
Management

VA Department of
Veterans Affairs



Revisions:	Date:	ARCHITECT/ENGINEERS:	CONSULTANTS:	Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management
		VA NORTHERN INDIANA HEALTH CARE SYSTEM, FORT WAYNE 2121 Lake Ave. Fort Wayne, IN 46805	Ross & Baruzzini	ELECTRICAL DETAILS	SPS BASEMENT ADDITION VA PROJECT # 610A4-12-400	2010.00629.0005	Office of Construction and Facilities Management
				Approved: Project Director	Location	Building Number	Office of Construction and Facilities Management
					2121 Lake Ave. Fort Wayne, IN 46805	01	Office of Construction and Facilities Management
					Date	Drawing Number	Office of Construction and Facilities Management
					08/15/2014	E301	Office of Construction and Facilities Management
					Checked	Author	Office of Construction and Facilities Management
					Checker		Office of Construction and Facilities Management
							Office of Construction and Facilities Management

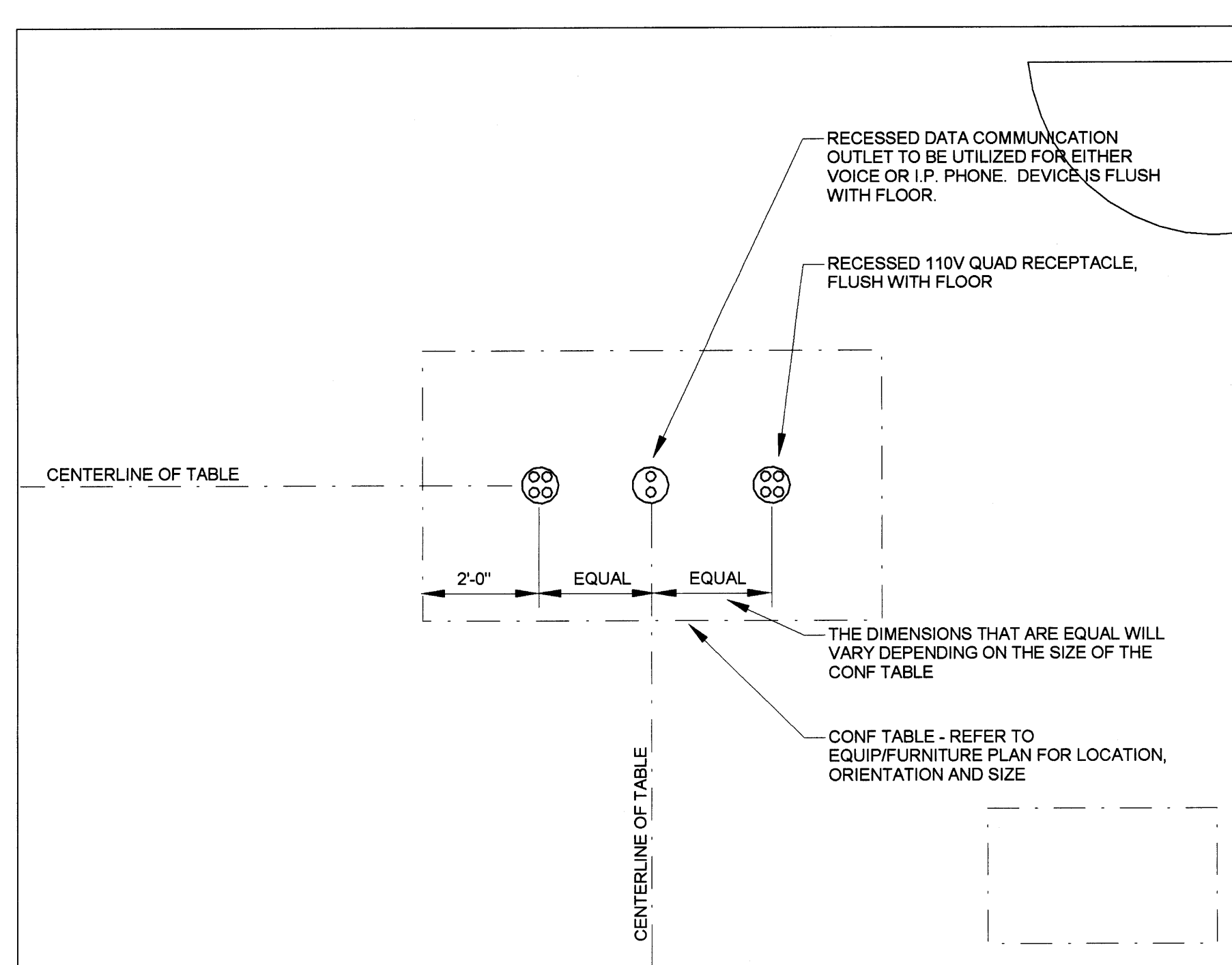


1 INSTALLATION OF 65" DIAGONAL, V-TEL TELEVISION

NO SCALE

DETAIL GENERAL NOTES

1. CONTRACTOR TO FURNISH AND INSTALL BOXES AND CONDUITS.
2. CONTRACTOR TO TERMINATE CABLES AND PROVIDE ALL FACE PLATES.
3. CONTRACTOR TO FURNISH AND INSTALL BLOCKING AND MOUNT TV BRACKET.
4. CONTRACTOR TO LABEL ALL FACE PLATES.
5. DIMENSIONS PROVIDED FOR THE TELEVISION MOUNTING AND THE REQUIRED WOOD BLOCKING ARE TAKEN FROM THE LAST EQUIPMENT SUPPLIED TO THE VA. VERIFY EXACT MOUNTING REQUIREMENTS FOR EACH APPLICATION.
6. THIS INSTALLATION DETAIL WAS PROVIDED BY THE FT WAYNE VA (FT WAYNE OUTPATIENT CLINIC VA-7).

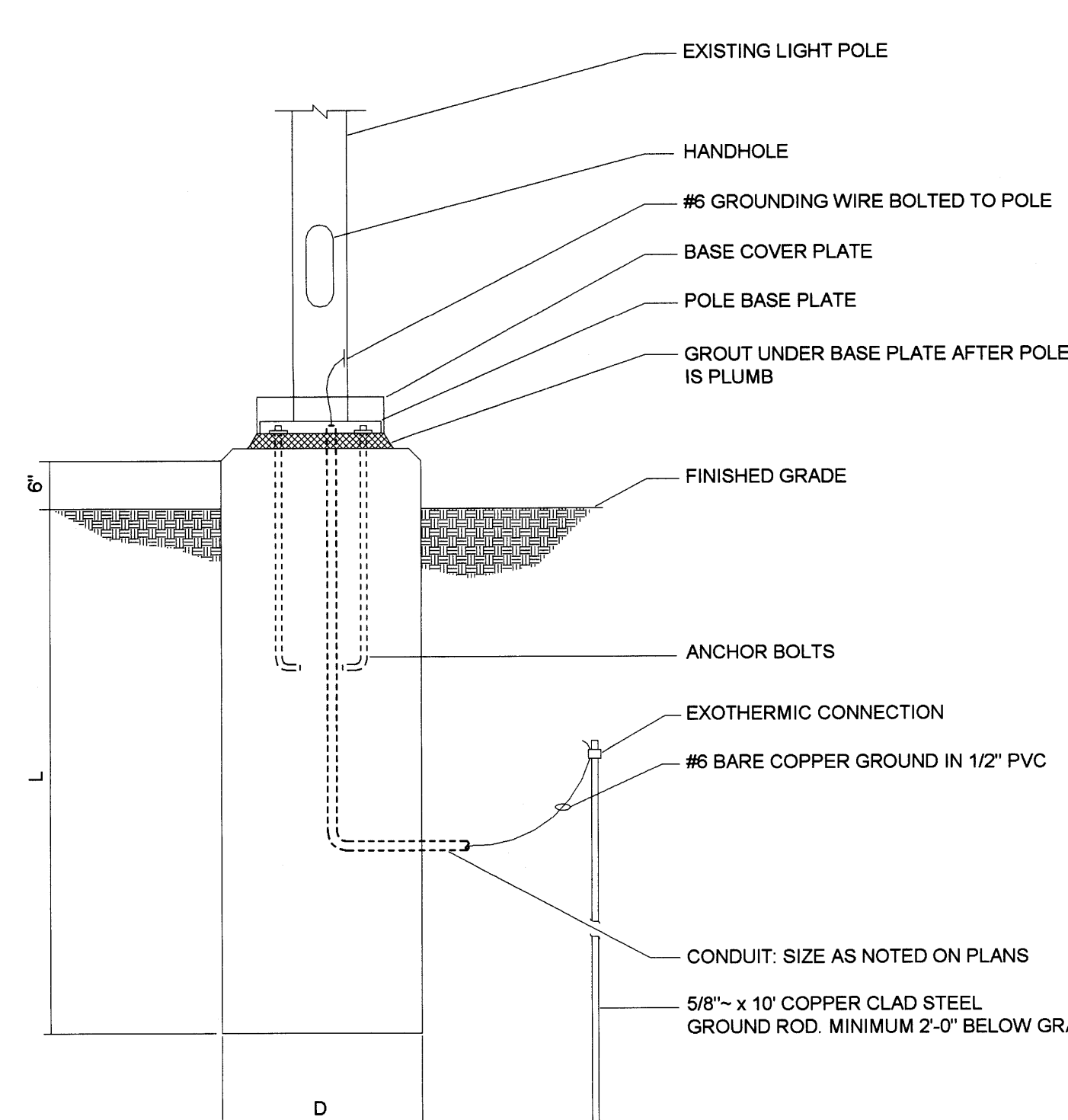


2 CONFERENCE ROOM - RECESSED FLOOR OUTLETS

NO SCALE

DETAIL GENERAL NOTES

1. THIS DRAWING IS "GENERIC" IN ITS SIZE AND LAYOUT.
2. CONTRACTOR TO VERIFY SPECIFIC CONFERENCE ROOM LAYOUTS AND PLACEMENT OF FURNITURE FOR EACH SPECIFIC ROOM.
3. CONTRACTOR TO CLARIFY THE EXACT SPACING AND LOCATION OF THE OUTLETS WITH THE VA PRIOR TO ROUGH-IN.
4. CONTRACTOR TO LABEL ALL DATA FACE PLATES.
5. THIS DETAIL WAS PROVIDED BY FT WAYNE VAMC-N.I.H.C.S. (DETAIL #VA-10)



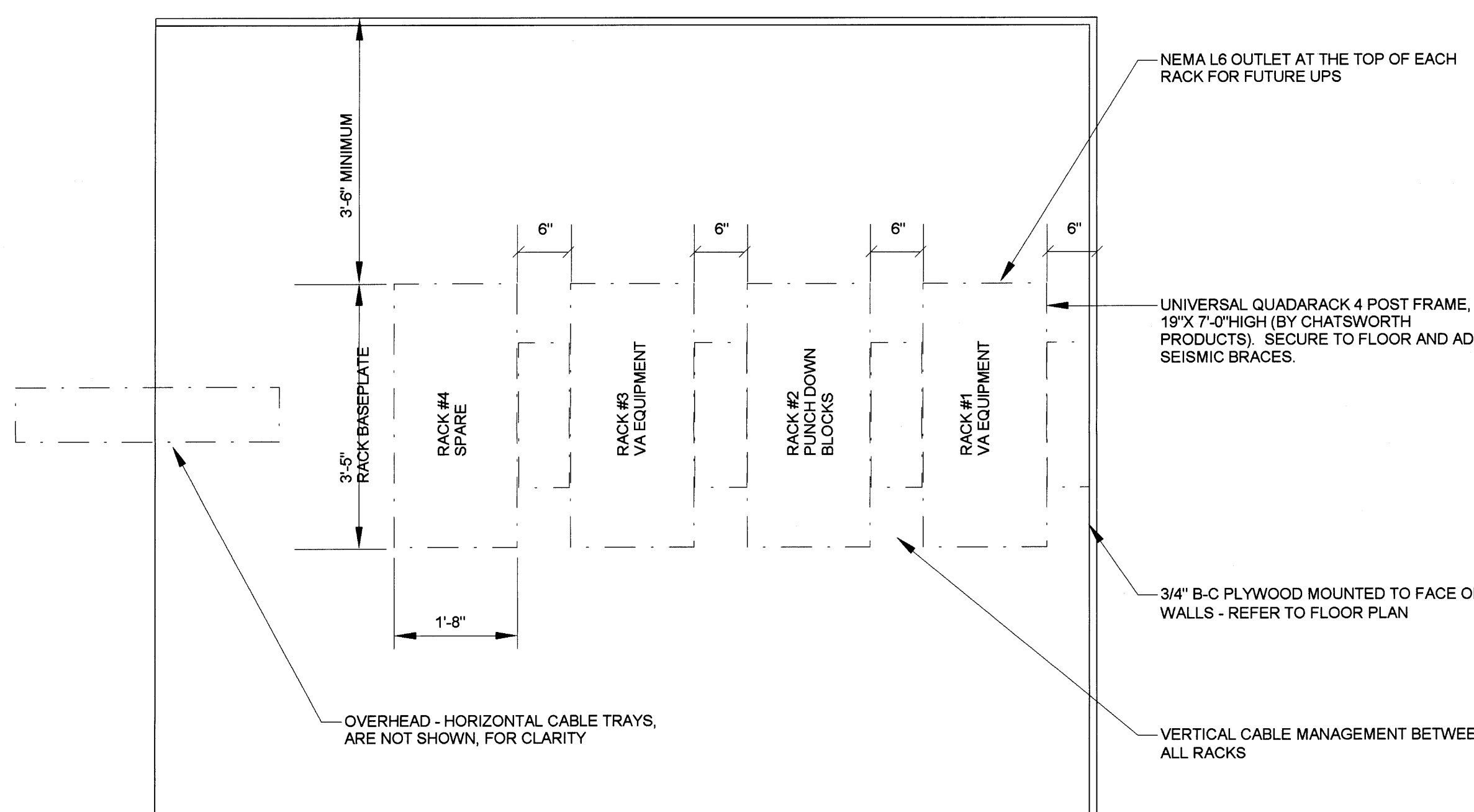
DIMENSIONS		
Pole Height	L	D
12'-0"	4'-6"	1'-6"
20'-0"	5'-0"	2'-0"
30'-0"	6'-0"	2'-6"
40'-0"	7'-0"	3'-0"

NOTES:

1. VERIFY ANCHOR BOLT LOCATIONS WITH MANUFACTURER'S TEMPLATE PRIOR TO BASE CONSTRUCTION
2. REFER TO POLE BASE CONCRETE AND REINFORCING DETAIL FOR ADDITIONAL REQUIREMENTS

5 TYPICAL FLUSH POLE BASE DETAIL

NO SCALE

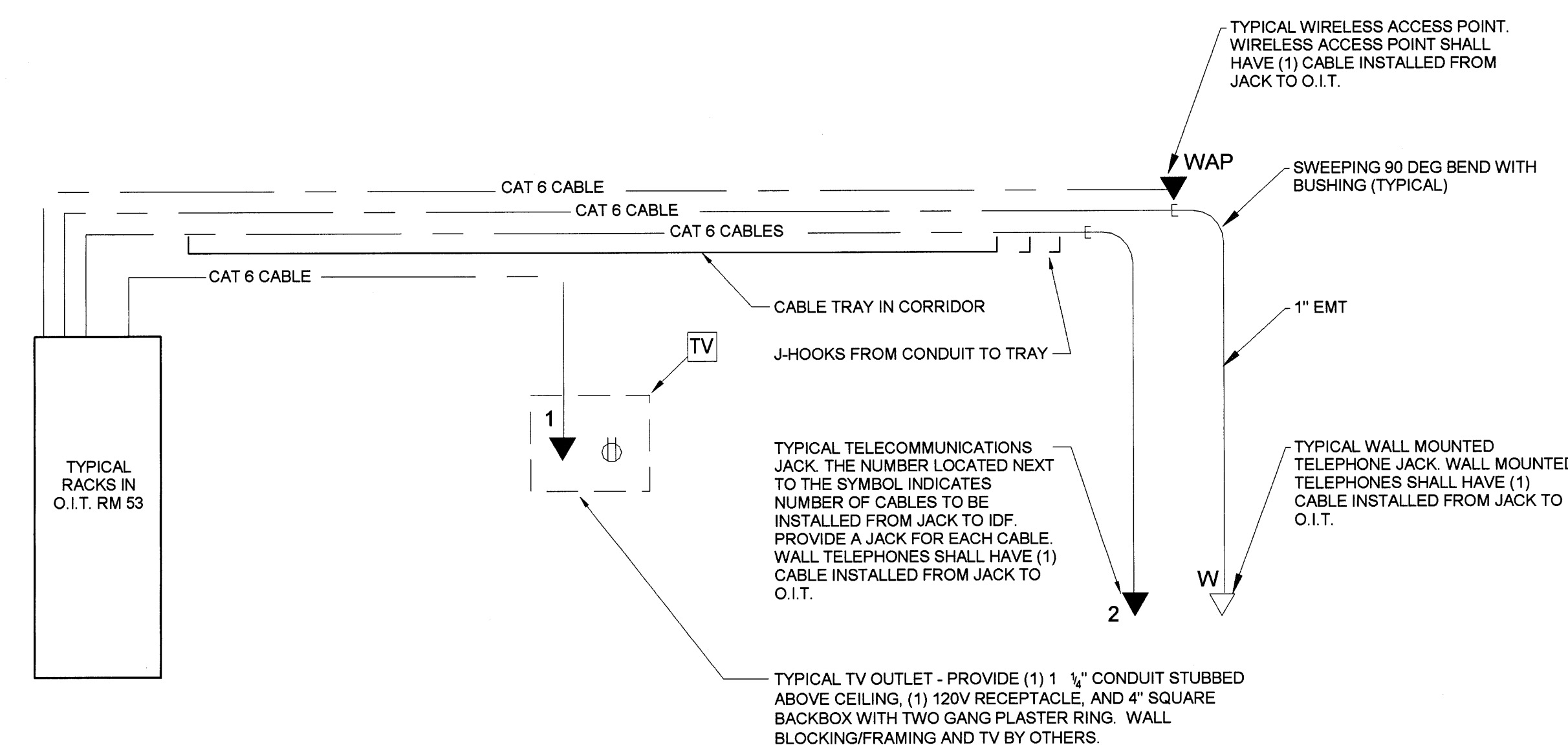


3 O.I.T. ROOM RACK LAYOUT

NO SCALE

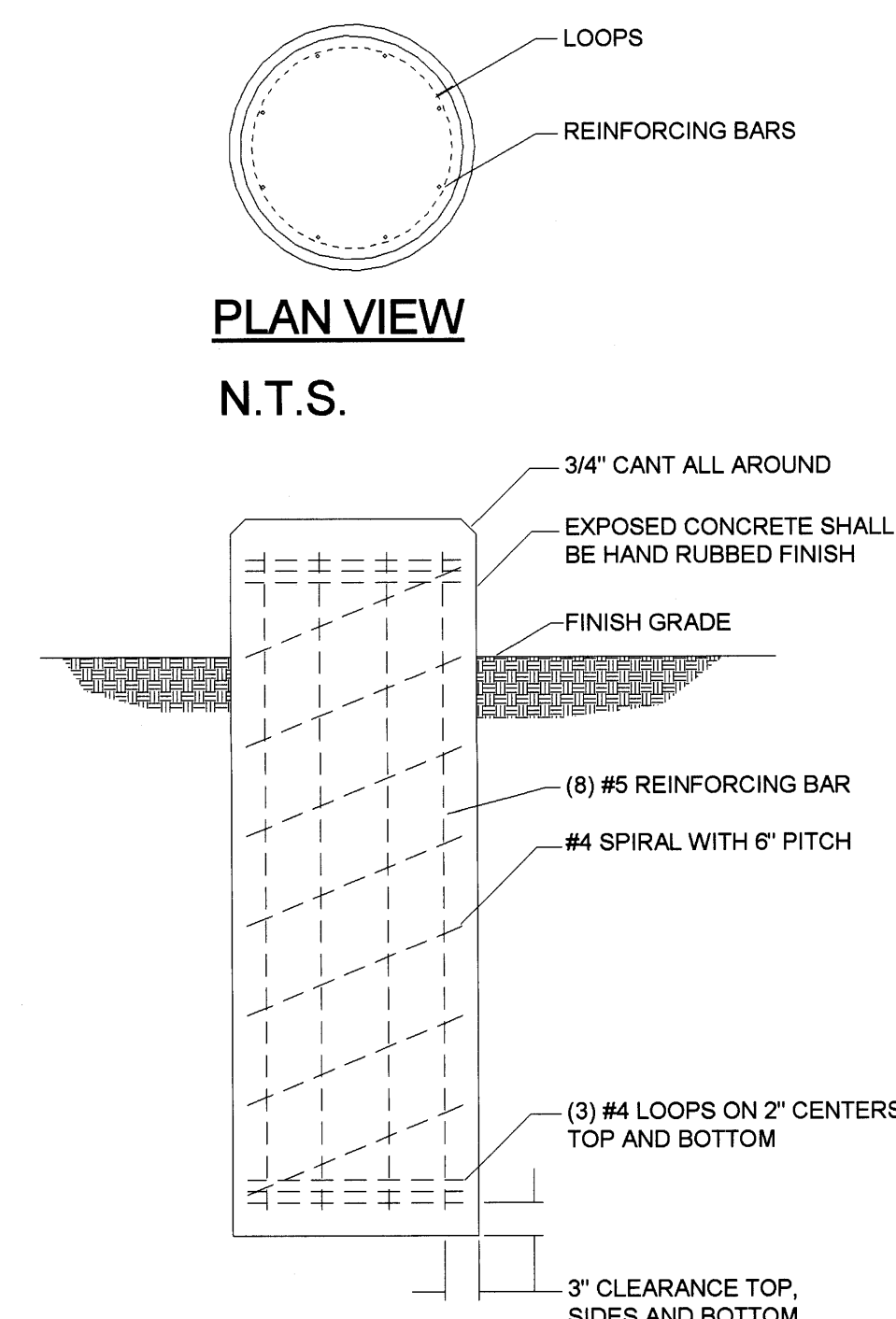
DETAIL GENERAL NOTES

1. THIS DETAIL WAS PROVIDED BY FT WAYNE VA.
2. CONTRACTOR TO VERIFY SPECIFIC O.I.T. ROOM LAYOUTS AND PLACEMENT EQUIPMENT FOR EACH SPECIFIC ROOM.
3. POWER TO EACH RACK SHALL BE DERIVED FROM THE CEILING, NOT VIA THE RAISED FLOOR. CONTRACTOR TO CLARIFY THE EXACT SPACING AND LOCATION OF THE OUTLETS WITH THE VA PRIOR TO ROUGH-IN.



4 TYPICAL TELECOM SCHEMATIC

NO SCALE



NOTES:

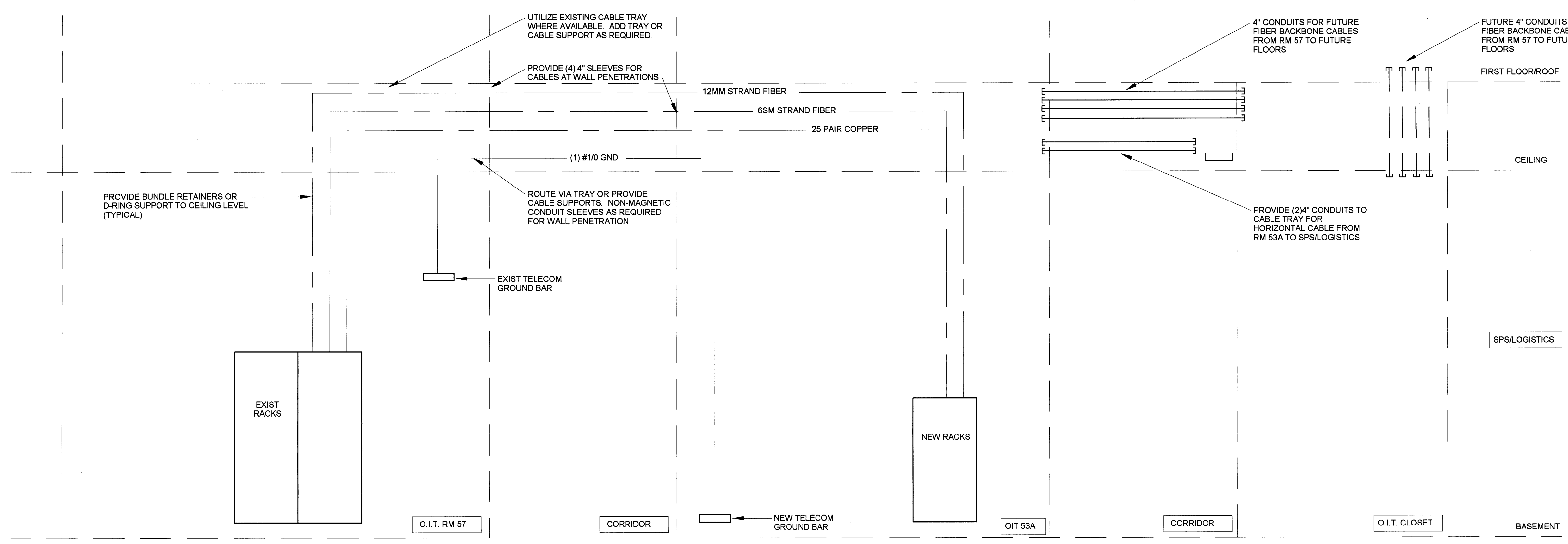
1. USE 3000 PSI 28 DAY STRENGTH CONCRETE FOR POLE BASE
2. PLACE CONCRETE THE SAME DAY. BASE IS DRILLED
3. USE SONOTUBE FORM ABOVE GRADE AND EXTEND TO 6\"/>
4. REFER TO POLE BASE DETAIL FOR DIMENSIONS

TYPICAL CONCRETE POLE BASE AND REINFORCING DETAIL

NO SCALE

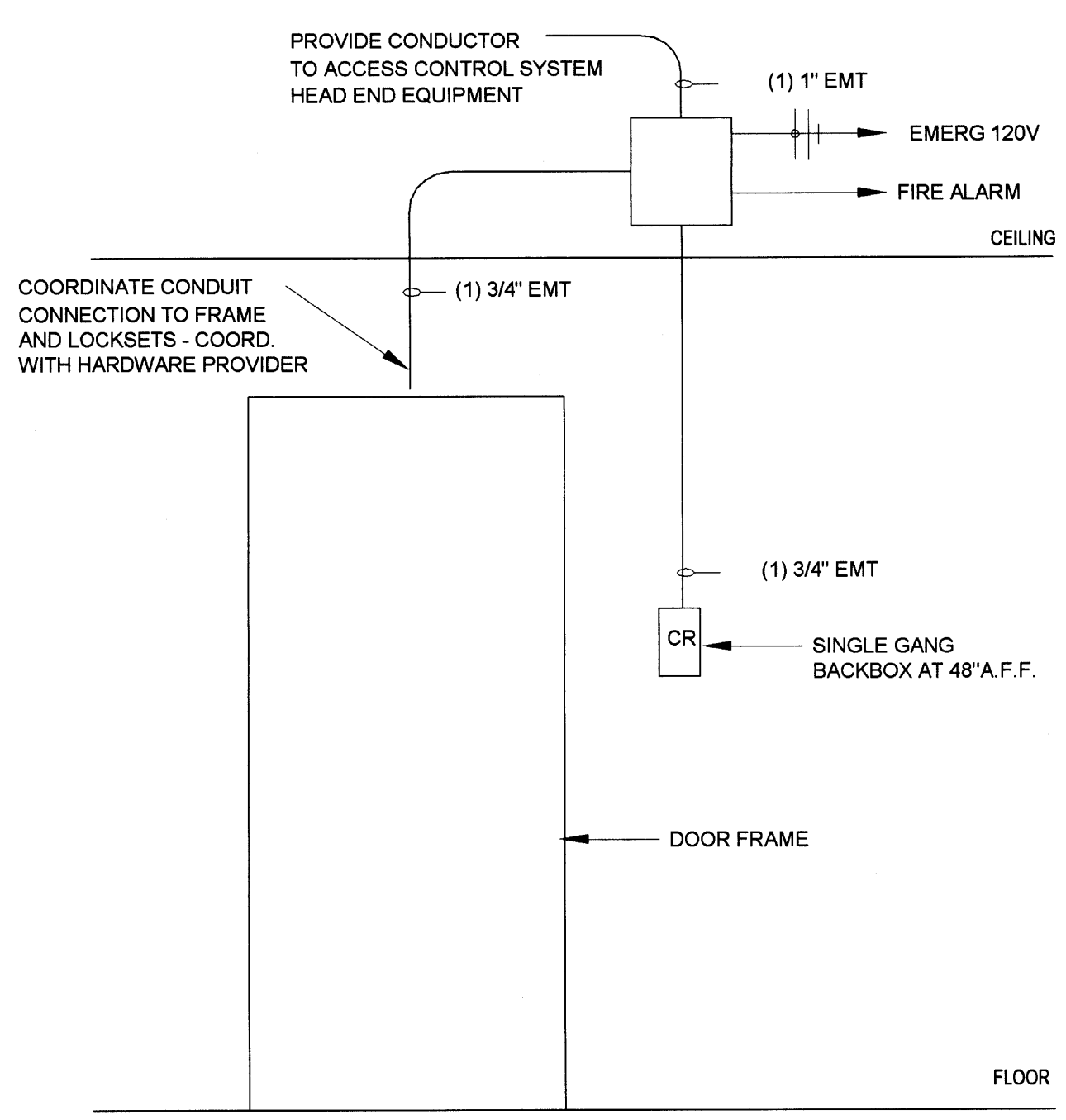
100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Revisions:	Date	ARCHITECT/ENGINEERS:	CONSULTANTS:	Drawing Title ELECTRICAL SCHEMATICS	Project Title SPS BASEMENT ADDITION VA PROJECT # 610A4-12-400	Project Number 2010.00629.0005	Office of Construction and Facilities Management
VA	VA NORTHERN INDIANA HEALTH CARE SYSTEM, FORT WAYNE 2121 Lake Ave. Fort Wayne, IN 46805	AMERICAN STRUCTUREPOINT INC. 7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3967 TEL 317.547.5580 FAX 317.543.0270 www.structurepoint.com	Ross & Baruzzini 8250 Havenstick Road Suite 285 Indianapolis, IN 46240 317.638.8383	Approved: Project Director	Location 2121 Lake Ave. Fort Wayne, IN 46805	Building Number 01	VA Department of Veterans Affairs
					Date 08/15/2014	Checked Checker	Author
						Drawing Number E401	



- O.I.T. GENERAL NOTES:**
- SUPPORTS FOR CABLE SHALL BE INDEPENDENTLY SUPPORTED. CABLE SHALL NOT LAY OVER CONDUIT, DUCTWORK, PIPING, STRUCTURAL SUPPORT MEMBERS, ETC. CABLE SHALL BE NEATLY INSTALLED AT RIGHT ANGLES TO THE BUILDING LINES. ENGINEER WILL REQUIRE CABLE TO BE REMOVED AND REINSTALLED IF IT IS NOT INSTALLED IN AN ACCEPTABLE MANNER.
 - REFER TO FLOOR PLANS FOR DEVICE LOCATIONS AND QUANTITY
 - WIRING INSTALLATION:
 - WIRING INSTALLED ABOVE ACCESSIBLE CEILINGS MAY BE EXPOSED CABLE
 - WIRING INSTALLED IN WALLS, ABOVE INACCESSIBLE CEILINGS, OR AREAS WITH EXPOSED CEILINGS SHALL BE INSTALLED IN CONDUIT COMPLETE. ROUTE CONDUIT TO AREAS WITH ACCESSIBLE CEILINGS

3 O.I.T. DISTRIBUTION SCHEMATIC
SCALE: N.T.S.



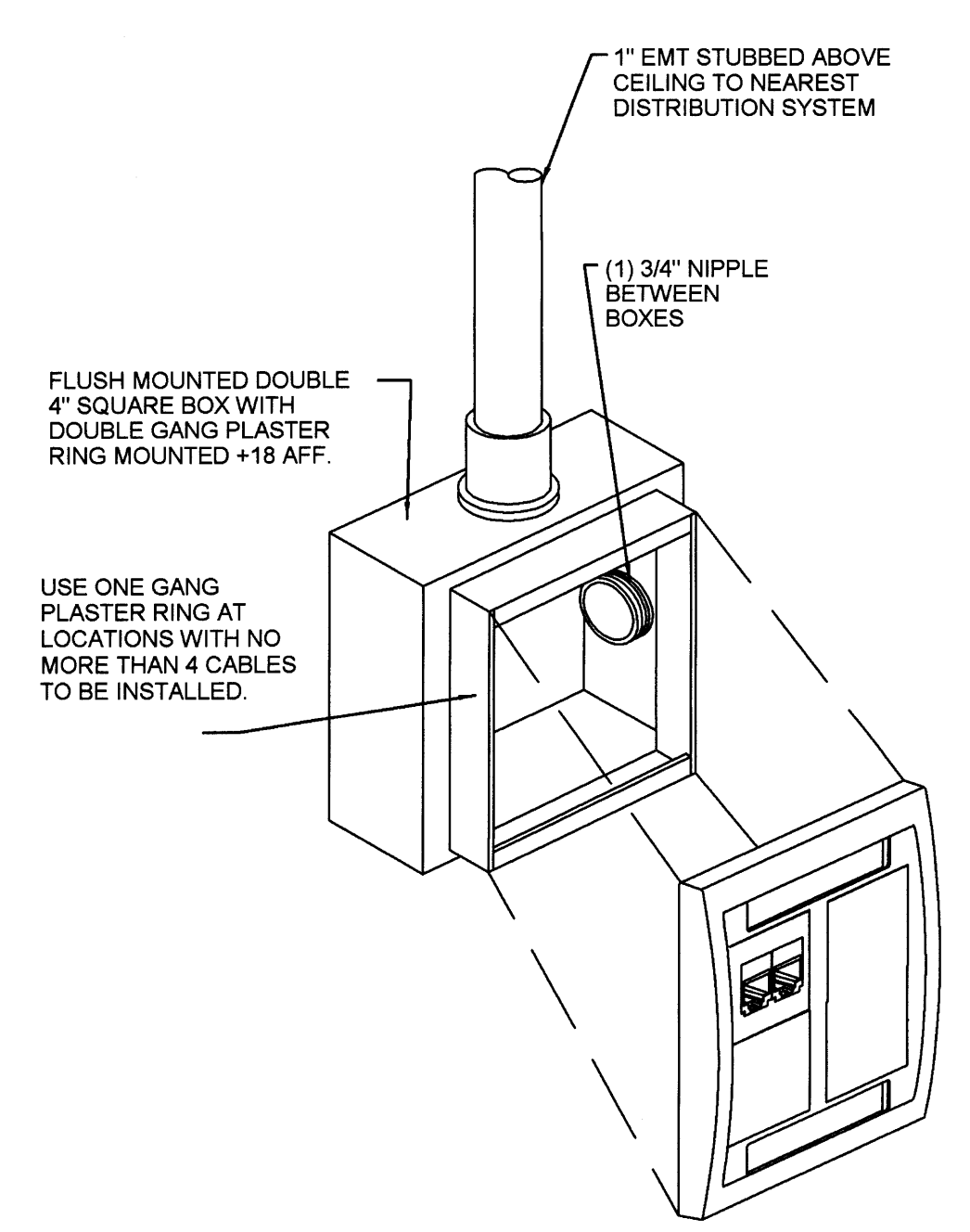
1 TYPICAL DOOR ACCESS SCHEMATIC
SCALE: N.T.S.

FIRE ALARM RISER DIAGRAM KEYED NOTES

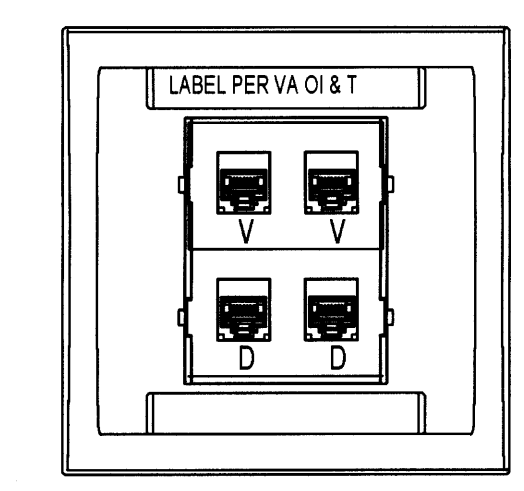
- 120V, LEGALLY REQUIRED EMERGENCY CIRCUIT (SEE PLANS FOR PANEL AND CIRCUIT INFORMATION).
- FIRE ALARM NOTIFICATION CIRCUIT. PROVIDE CABLE/WIRE SIZE AS REQUIRED. DO NOT T-TAP.
- FIRE ALARM INITIATION CIRCUIT. PROVIDE CABLE/WIRE SIZE AS REQUIRED. DO NOT T-TAP.
- PROVIDE CABLE/WIRE AS REQUIRED BY MANUFACTURER. COORDINATE WITH VENDOR SITE SPECIFIC SHOP DRAWINGS.

FIRE ALARM GENERAL NOTES

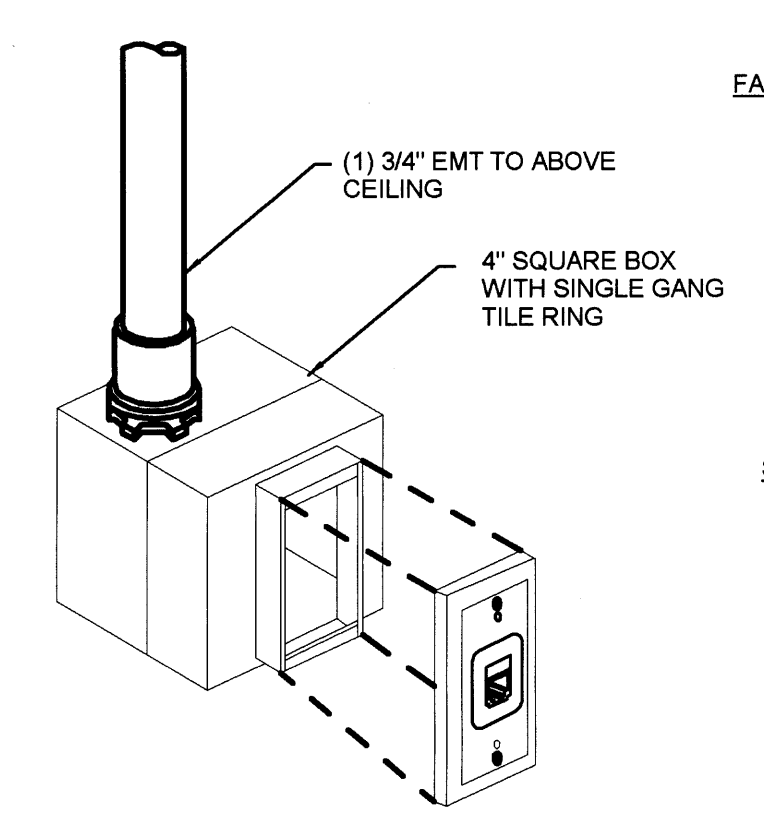
- A. THE INFORMATION SHOWN ON THIS SHEET IS FOR REFERENCE ONLY AND IS INTENDED FOR USE AS BASIC DESIGN GUIDE TO HELP DEFINE THE SCOPE OF WORK. THE CONTRACTOR SHALL HAVE VENDOR PROVIDE SHOP DRAWINGS SHOWING PRODUCT DATA CUT SHEETS, FLOOR PLANS, WIRING DIAGRAMS AND BATTERY CALCULATIONS.
- B. FIRE ALARM EQUIPMENT AND INSTALLATIONS SHALL MEET NFPA INSTALLATION GUIDELINES.
- C. NOTIFICATION CIRCUITS SHALL NOT EXCEED MORE THAN 80 PERCENT OF THE RATED CIRCUIT.
- D. PROVIDE 25 PERCENT SPARE CIRCUITS FOR NOTIFICATION DEVICES (STROBES AND SPEAKERS).
- E. FIRE ALARM WIRING SHALL BE CLASS "B".
- F. FIRE ALARM RISER DIAGRAM IS INTENDED TO INDICATE ONLY TYPICAL DEVICES AND DOES NOT INDICATE THE EXACT QUANTITIES OF DEVICES, REFER TO PLAN SHEETS FOR EXACT QUANTITY OF DEVICES AND LOCATIONS.
- G. ALL FIRE ALARM CABLE/WIRE SHALL BE ROUTED IN CONDUIT.



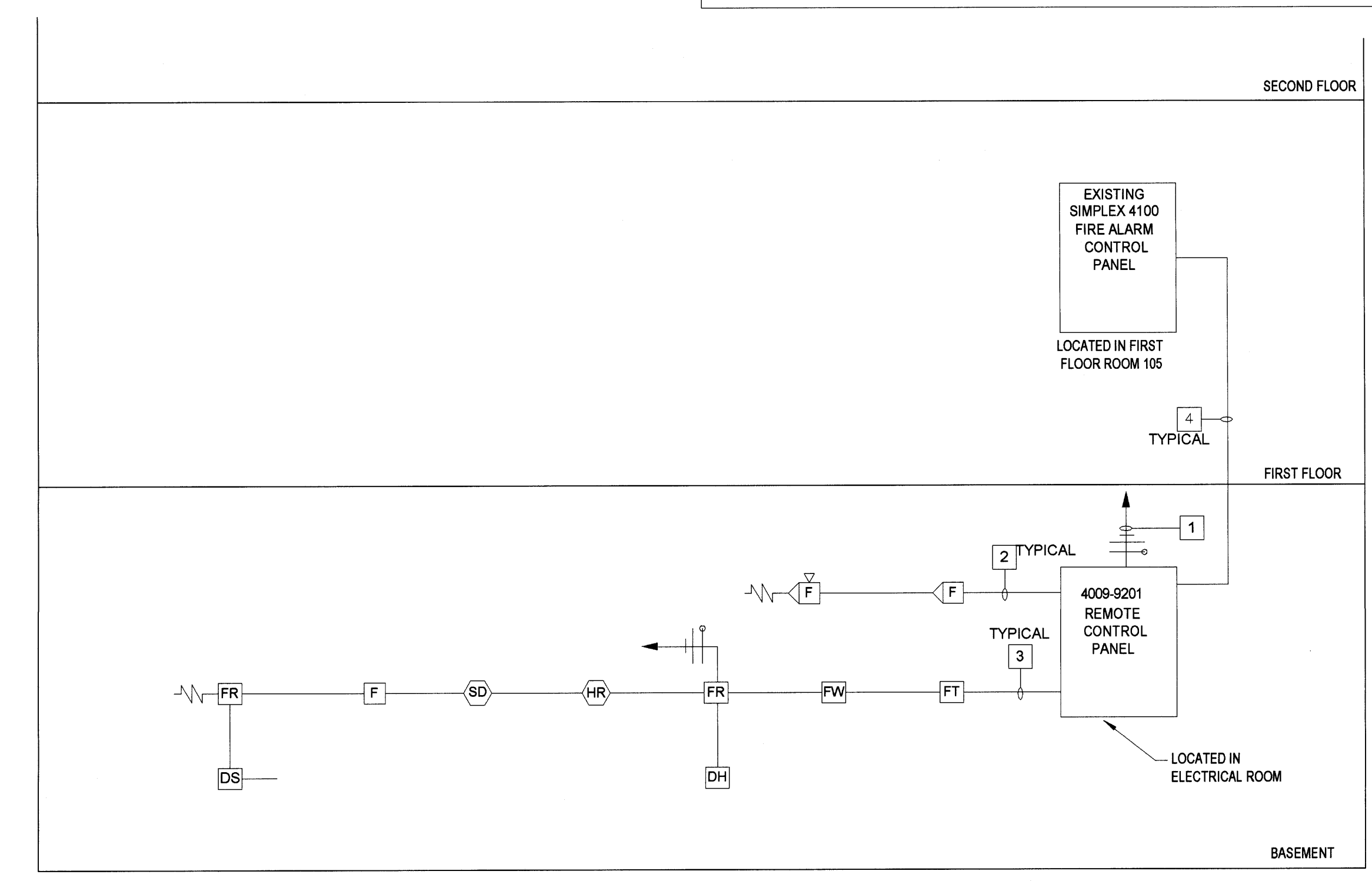
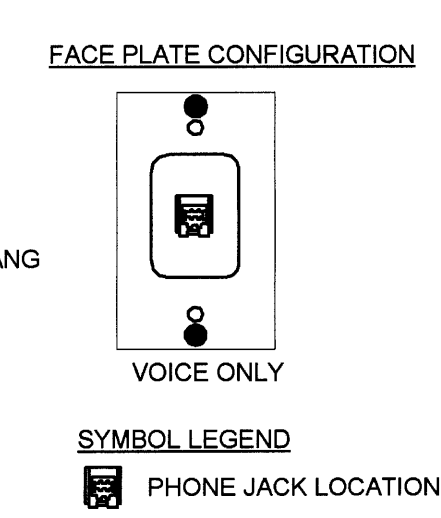
5 TYPICAL COMMUNICATION RECEPTACLE ROUGH-IN DETAILS
SCALE: N.T.S.



- SYMBOL LEGEND**
- DATA JACK LOCATION (BLUE-LOWER LEFT, YELLOW-LOWER RIGHT)
 - PHONE JACK LOCATION (IVORY FINISH)



4 TYPICAL WALL MOUNTED TELEPHONE ROUGH-IN SCHEMATIC
SCALE: N.T.S.



2 TYPICAL FIRE ALARM SCHEMATIC
SCALE: N.T.S.

100% CONSTRUCTION DOCUMENTS
FULLY SPRINKLERED

Revisions:	Date	VA VA NORTHERN INDIANA HEALTH CARE SYSTEM, FORT WAYNE 2121 Lake Ave. Fort Wayne, IN 46805	ARCHITECT/ENGINEERS: AMERICAN STRUCTUREPOINT INC. 7260 SHADELAND STATION INDIANAPOLIS, IN 46256-3957 TEL 317.547.5560 FAX 317.543.0270 www.structurepoint.com	CONSULTANTS: Ross & Baruzzini 8250 Havenstick Road Suite 285 Indianapolis, IN 46240 317.636.8383	JEFFREY S. BROWN REGISTERED No. 9500154 STATE OF INDIANA PROFESSIONAL ENGINEER 6/11/2014	Drawing Title ELECTRICAL SCHEMATICS Approved: Project Director	Project Title SPS BASEMENT ADDITION VA PROJECT # 610A4-12-400 Location 2121 Lake Ave. Fort Wayne, IN 46805 Date 08/15/2014	Project Number 2010.00629.0005 Building Number 01 Drawing Number E402 Checked Author	Office of Construction and Facilities Management VA Department of Veterans Affairs
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NOT TO SCALE

[illegible]

PLAN MARK		EQUIPMENT DATA SCHEDULE																								REMARKS (6)		
		LOCATION		MOTOR OR EQUIPMENT DATA				MOTOR OR EQUIPMENT DATA		DISCONNECT SWITCH AT EQUIPMENT								STARTER										
				FURNISHED BY (1)	HP	KW	AMPS			VOLTS	PHASE	INSTALLED BY	CONNECTED BY	FED FROM	FEEDER OR BRANCH CIRCUIT (2)	TYPE (3)	NEMA ENCLOS. TYPE	SWITCH/FUSE SIZE	FURNISH. BY	INST. BY	CONN. BY	NEMA SIZE	NEMA ENCLOS. TYPE	TYPE (4)	BREAKER /TRIP		ACCES. (5)	FURNISH. BY
AHU	1	AIR HANDLING UNIT	ON ROOF	23	25	0	34	480	3	23	26	BEQH1-3	3#8, 1#8 IN 3/4"C.	NF	NEMA 3R	60A	26	26	26	---	NEMA 1	VFD	---	---	26	26	23	---
CGP	1	CHILLED WATER GLYCOL PUMP	WATER TREATMENT	49C	23	0	7	120	1	23	26	BEQL2-20	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	PWCP	---	---	---	---	23	2	
CH	1	CHILLER	ON ROOF	23	1	80	96	480	3	23	26	BEQH1-1	3#3/0, 1#6 IN 2"C.	F	NEMA 3R	200A	26	26	26	---	NEMA 3R	PWCP	---	---	23	26	23	---
CU	1	DUCTLESS SPLIT SYSTEM	O.I.T.	53	23	0	7	15	208	1	23	26	TELE-C-18, 20	2#12, 1#12 IN 3/4"C.	F	NEMA 3R	15A	26	26	26	---	---	---	---	---	23	6	
CUH	1	CABINET UNIT HEATERR	STAIR 1	B-C-ST1	23	0	0	1	120	1	23	26	BNL2-1-31	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	---	---	---	---	23	2,4	
CUH	2	CABINET UNIT HEATER	STORAGE (FUTURE STAIRS)	B-C-ST2	23	0	0	1	120	1	23	26	??	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	---	---	---	---	23	2,4	
CWP	1	CHILLED WATER PUMP	WATER TREATMENT	49C	23	8	0	11	480	3	23	26	BEQH1-7	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	VFD	---	---	26	26	23	5	
CWP	2	CHILLED WATER PUMP	WATER TREATMENT	49C	23	8	0	11	480	3	23	26	BEQH1-8	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	VFD	---	---	26	26	23	5	
EF	1	EXHAUST FAN	ON ROOF	23	23	10	0	14	480	3	23	26	BEQH1-4	3#10, 1#10 IN 3/4"C.	F	NEMA 3R	30A	26	26	26	---	---	---	---	---	---	---	
EF	2	EXHAUST FAN	ON ROOF	23	23	10	0	7	120	1	23	26	BGRU2-8	3#12, 1#12 IN 3/4"C.	TOG	NEMA 3R	20A	26	26	26	---	---	---	---	---	---	---	
EF	3	EXHAUST FAN	ON ROOF	23	3/4	0	14	480	3	23	26	BEQH1-2	3#12, 1#12 IN 3/4"C.	F	NEMA 3R	30A	26	26	26	---	---	---	---	---	---	---	---	
HGP	1	HEAT RECOVERY GLYCOL PUMP	WATER TREATMENT	49C	23	0	0	7	120	1	23	26	BEQL2-20	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	PWCP	---	---	---	---	23	2	
HRP	1	HEAT RECOVERY PUMP	WATER TREATMENT	49C	23	1.5	0	5	480	3	23	26	BEQH1-9	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	VFD	---	---	26	26	23	5	
HRP	2	HEAT RECOVERY PUMP	WATER TREATMENT	49C	23	1.5	0	5	480	3	23	26	BEQH1-10	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	VFD	---	---	26	26	23	5	
HWP	1	HOT WATER PUMP	WATER TREATMENT	49C	23	2	0	3	480	3	23	26	BEQH1-5	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	VFD	---	---	26	26	23	5	
HWP	2	HOT WATER PUMP	WATER TREATMENT	49C	23	2	0	3	480	3	23	26	BEQH1-6	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	VFD	---	---	26	26	23	5	
HWRP	1	HOT WATER RECIRCULATING PUMP			22	0	0	0	120	1	22	26	BEQL2-22	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	26	26	26	---	---	---	---	---	23		
SP	1	SUMP PUMP	CHILLER ROOM	B-C-120	22	1	0	0	120	1	22	26	BEQL2-24	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	22	22	26	---	---	---	---	---	23	---	
UH	1	UNIT HEATER	CHILLER ROOM	B-C-120	23	1	0	0	120	1	23	26	BEQL2-18	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	26	26	26	---	---	---	---	---	23		
(1) SPECIFICATION DIVISION NUMBER DIVISION 25 - MECHANICAL DIVISION 26 - ELECTRICAL		(2) REFER TO FEEDER SCHEDULE WHEN THIS COLUMN CONTAINS A FEEDER DESIGNATION INSTEAD OF CONDUCTOR SIZE				(3) NF = FUSED TOG = TOGGLE REC = DUPLEX RECEPTACLE				(4) STARTER TYPE COMB1 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH FUSED DISCONNECT SWITCH COMB2 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH UNFUSED DISCONNECT SWITCH COMB3 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH THERMAL MAGNETIC MOLDED COMB4 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH MAGNETIC ONLY MOLDED CAPPED CIRCUIT BREAKER DISCONNECT				FVNR - FULL VOLTAGE NON-REVERSING MAGNETIC STARTED WITHOUT DISCONNECT MAN - MANUAL MOTOR STARTED WITH DISCONNECT SWITCH AND REPLACEABLE THERMAL OVERLOAD CONTACTS SDS - STAR DELTA STARTER PWCP - PREWIRED CONTROL PANEL VFD - VARIABLE FREQUENCY DRIVE 282W - 2 SPEED 2 WIRING 281W - 2 SPEED SINGLE WIRING				(5) ACCESSORIES: HOAP - HOA WITH PILOT LIGHT PB - START/STOP PUSH BUTTON (MOMENTARY CONTACT)				(6) KEY TO REMARKS: 1. FIRE ALARM INTERLOCK 2. INTEGRAL DISCONNECT SWITCH BY DIVISION 23 3. MOUNT DISCONNECT SWITCH ON EQUIPMENT HOUSING 4. LESS THAN 1/8 HP, BRANCH CIRCUIT BREAKER MEANS OF DISCONNECT. 5. INTEGRAL DISCONNECT IN VFD BY DIVISION 23.						
ALL MAGNETIC AND SOLID STATE STARTERS ARE TO BE EQUIPPED WITH AUXILIARY CONTACTS, PILOT LIGHTS AND FUSED CONTROL POWER TRANSFORMERS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.																												

1. ALL LUMINAIRES SHOWN ON THIS SCHEDULE MAY NOT BE USED ON THE VARIOUS PLANS. ALSO, THE USE OF ONLY CERTAIN NUMERICAL SUBSCRIPTS OR SUFFIXES (1/2, 3/4, 4, 5, 6, 8, 10, 12, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 200, 300, 400, 500, 600, 700, 800, 900, 1000, 1200, 1500, 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, 10000, 12000, 15000, 20000, 30000, 40000, 50000, 60000, 70000, 80000, 90000, 100000, 120000, 150000, 200000, 300000, 400000, 500000, 600000, 700000, 800000, 900000, 1000000, 1200000, 1500000, 2000000, 3000000, 4000000, 5000000, 6000000, 7000000, 8000000, 9000000, 10000000, 12000000, 15000000, 20000000, 30000000, 40000000, 50000000, 60000000, 70000000, 80000000, 90000000, 100000000, 120000000, 150000000, 200000000, 300000000, 400000000, 500000000, 600000000, 700000000, 800000000, 900000000, 1000000000, 1200000000, 1500000000, 2000000000, 3000000000, 4000000000, 5000000000, 6000000000, 7000000000, 8000000000, 9000000000, 10000000000, 12000000000, 15000000000, 20000000000, 30000000000, 40000000000, 50000000000, 60000000000, 70000000000, 80000000000, 90000000000, 100000000000, 120000000000, 150000000000, 200000000000, 300000000000, 400000000000, 500000000000, 600000000000, 700000000000, 800000000000, 900000000000, 1000000000000, 1200000000000, 1500000000000, 2000000000000, 3000000000000, 4000000000000, 5000000000000, 6000000000000, 7000000000000, 8000000000000, 9000000000000, 10000000000000, 12000000000000, 15000000000000, 20000000000000, 30000000000000, 40000000000000, 50000000000000, 60000000000000, 70000000000000, 80000000000000, 90000000000000, 100000000000000, 120000000000000, 150000000000000, 200000000000000, 300000000000000, 400000000000000, 500000000000000, 600000000000000, 700000000000000, 800000000000000, 900000000000000, 1000000000000000, 1200000000000000, 1500000000000000, 2000000000000000, 3000000000000000, 4000000000000000, 5000000000000000, 6000000000000000, 7000000000000000, 8000000000000000, 9000000000000000, 10000000000000000, 12000000000000000, 15000000000000000, 20000000000000000, 30000000000000000, 40000000000000000, 50000000000000000, 60000000000000000, 70000000000000000, 80000000000000000, 90000000000000000, 100000000000000000, 120000000000000000, 150000000000000000, 200000000000000000, 300000000000000000, 400000000000000000, 500000000000000000, 600000000000000000, 700000000000000000, 800000000000000000, 900000000000000000, 1000000000000000000, 1200000000000000000, 1500000000000000000, 2000000000000000000, 3000000000000000000, 4000000000000000000, 5000000000000000000, 6000000000000000000, 7000000000000000000, 8000000000000000000, 9000000000000000000, 10000000000000000000, 12000000000000000000, 15000000000000000000, 20000000000000000000, 30000000000000000000, 40000000000000000000, 50000000000000000000, 60000000000000000000, 70000000000000000000, 80000000000000000000, 90000000000000000000, 100000000000000000000, 120000000000000000000, 150000000000000000000, 200000000000000000000, 300000000000000000000, 400000000000000000000, 500000000000000000000, 600000000000000000000, 700000000000000000000, 800000000000000000000, 900000000000000000000, 1000000000000000000000, 1200000000000000000000, 1500000000000000000000, 2000000000000000000000, 3000000000000000000000, 4000000000000000000000, 5000000000000000000000, 6000000000000000000000, 7000000000000000000000, 8000000000000000000000, 9000000000000000000000, 10000000000000000000000, 12000000000000000000000, 15000000000000000000000, 20000000000000000000000, 30000000000000000000000, 40000000000000000000000, 50000000000000000000000, 60000000000000000000000, 70000000000000000000000, 80000000000000000000000, 90000000000000000000000, 100000000000000000000000, 120000000000000000000000, 150000000000000000000000, 200000000000000000000000, 300000000000000000000000, 400000000000000000000000, 500000000000000000000000, 600000000000000000000000, 700000000000000000000000, 800000000000000000000000, 900000000000000000000000, 1000000000000000000000000, 1200000000000000000000000, 1500000000000000000000000, 2000000000000000000000000, 3000000000000000000000000, 4000000000000000000000000, 5000000000000000000000000, 6000000000000000000000000, 7000000

1. LUMINAIRE TO BE SWITCHED.
2. LUMINAIRE TO BE DIMMED VIA SELECTED DIMMING CONTROLS. COORDINATE DIMMING REQUIREMENTS WITH LUMINAIRE MANUFACTURER.
3. LUMINAIRE SHALL HAVE A MINIMUM FULL 5-YEAR WARRANTY.
4. CONTRACTOR TO VERIFY AND COORDINATE LUMINAIRE INSTALLATION AND MOUNTING WITH ARCHITECTURAL DETAILS, HOUSING TYPE, FIELD OF VIEW AND TO CEILING SYSTEM DETAILS, INCLUDING FLANGE REQUIREMENTS.
5. LUMINAIRE TO BE U.L. LISTED AND LABELED "SUITABLE FOR WET LOCATIONS".
6. LUMINAIRE TO BE U.L. LISTED AND LABELED "SUITABLE FOR DAMP LOCATIONS."
7. PROVIDE WIRE GUARD FOR LUMINAIRE.
8. LUMINAIRE SHALL BE MOUNTED AGAINST CABINET FASCIA WITH LENS FACING TOWARD WALL.
9. UTILIZE MULTI-VOLT (120/277V) BALLAST.
10. PROVIDE TWO BALLASTS PER LUMINAIRE.
11. PROVIDE CORD & PLUG OPTION.
12. LUMEN MAINTENANCE (L70) RATED 50,000 HOURS MINIMUM.
13. PROVIDE INTEGRAL EMERGENCY BATTERY.
14. PROVIDE 4000 KELVIN TEMPERATURE.
15. UNIVERSAL MOUNT.

PLAN MARK		EQUIPMENT DATA SCHEDULE																								REMARKS (6)			
		LOCATION		MOTOR OR EQUIPMENT DATA				MOTOR OR EQUIPMENT DATA		DISCONNECT SWITCH AT EQUIPMENT								STARTER											
				FURNISHED BY (1)	HP	KW	AMPS			VOLTS	PHASE	INSTALLED BY	CONNECTED BY	FED FROM	FEEDER OR BRANCH CIRCUIT (2)	TYPE (3)	NEMA ENCLOS. TYPE	SWITCH/ FUSE SIZE	FURNISH. BY	INST. BY	CONN. BY	NEMA SIZE	NEMA ENCLOS. TYPE	TYPE (4)	BREAKER /TRIP		ACCES. (5)	FURNISH. BY	CONN. BY
		EQUIPMENT	ROOM NAME	ROOM NUMBER																									
AHU	1	AIR HANDLING UNIT	ON ROOF		23	25	0	34	480	3	23	26	BEQH1-3	3#8, 1#8 IN 3/4"C.	NF	NEMA 3R	60A	26	26	26	---	NEMA 1	VFD	---	---	26	26	23	---
CGP	1	CHILLED WATER GLYCOL PUMP	WATER TREATMENT	49C	23	0	0	7	120	1	23	26	BEQL2-20	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	PWCP	---	---	---	---	---	23	2	
CH	1	CHILLER	ON ROOF		23	1	80	96	480	3	23	26	BEQH1-1	3#3/0, 1#6 IN 2"C.	F	NEMA 3R	200A	26	26	26	---	NEMA 3R	PWCP	---	---	23	26	23	---
CU	1	DUCTLESS SPLIT SYSTEM	O.I.T.	53	23	0	7	15	208	1	23	26	TELE-C-18, 20	2#12, 1#12 IN 3/4"C.	F	NEMA 3R	15A	26	26	26	---	---	---	---	---	---	23	6	
CUH	1	CABINET UNIT HEATERR	STAIR 1	B-C-ST1	23	0	0	1	120	1	23	26	BNL2-1-31	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	---	---	---	---	---	23	2,4	
CUH	2	CABINET UNIT HEATER	STORAGE (FUTURE STAIRS)	B-C-ST2	23	0	0	1	120	1	23	26	??	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	---	---	---	---	---	23	2,4	
CWP	1	CHILLED WATER PUMP	WATER TREATMENT	49C	23	8	0	11	480	3	23	26	BEQH1-7	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	NEMA 1	VFD	---	---	26	26	23	5
CWP	2	CHILLED WATER PUMP	WATER TREATMENT	49C	23	8	0	11	480	3	23	26	BEQH1-8	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	NEMA 1	VFD	---	---	26	26	23	5
EF	1	EXHAUST FAN	ON ROOF		23	10	0	14	480	3	23	26	BEQH1-4	3#10, 1#10 IN 3/4"C.	F	NEMA 3R	30A	26	26	26	---	---	---	---	---	---	---	---	
EF	2	EXHAUST FAN	ON ROOF		23	10	0	7	120	1	23	26	BGRU2-8	3#12, 1#12 IN 3/4"C.	TOG	NEMA 3R	20A	26	26	26	---	---	---	---	---	---	---	---	
EF	3	EXHAUST FAN	ON ROOF		23	3/4	0	14	480	3	23	26	BEQH1-2	3#12, 1#12 IN 3/4"C.	F	NEMA 3R	30A	26	26	26	---	---	---	---	---	---	---	---	
HGP	1	HEAT RECOVERY GLYCOL PUMP	WATER TREATMENT	49C	23	0	0	7	120	1	23	26	BEQL2-20	2#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	PWCP	---	---	---	---	---	23	2	
HRP	1	HEAT RECOVERY PUMP	WATER TREATMENT	49C	23	1.5	0	5	480	3	23	26	BEQH1-9	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	NEMA 1	VFD	---	---	26	26	23	5
HRP	2	HEAT RECOVERY PUMP	WATER TREATMENT	49C	23	1.5	0	5	480	3	23	26	BEQH1-10	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	NEMA 1	VFD	---	---	26	26	23	5
HWP	1	HOT WATER PUMP	WATER TREATMENT	49C	23	2	0	3	480	3	23	26	BEQH1-5	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	NEMA 1	VFD	---	---	26	26	23	5
HWP	2	HOT WATER PUMP	WATER TREATMENT	49C	23	2	0	3	480	3	23	26	BEQH1-6	3#12, 1#12 IN 3/4"C.	---	---	---	---	---	---	---	NEMA 1	VFD	---	---	26	26	23	5
HWRP	1	HOT WATER RECIRCULATING PUMP			22	0	0	0	120	1	22	26	BEQL2-22	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	26	26	26	---	---	---	---	---	---	23		
SP	1	SUMP PUMP	CHILLER ROOM	B-C-120	22	1	0	0	120	1	22	26	BEQL2-24	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	22	22	26	---	---	---	---	---	---	23	---	
UH	1	UNIT HEATER	CHILLER ROOM	B-C-120	23	1	0	0	120	1	23	26	BEQL2-18	2#12, 1#12 IN 3/4"C.	TOG	NEMA 1	20A	26	26	26	---	---	---	---	---	---	23		
(1) SPECIFICATION DIVISION NUMBER DIVISION 25 - MECHANICAL DIVISION 26 - ELECTRICAL		(2) REFER TO FEEDER SCHEDULE WHEN THIS COLUMN CONTAINS A FEEDER DESIGNATION INSTEAD OF CONDUCTOR SIZE				(3) NF = FUSED TOG REC = TOGGLE = DUPLEX RECEPTACLE				(4) STARTER TYPE COMB1 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH FUSED DISCONNECT SWITCH COMB2 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH UNFUSED DISCONNECT SWITCH COMB3 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH THERMAL MAGNETIC MOLDED COMB4 - COMBINATION FULL VOLTAGE NON-REVERSING MAGNETIC STARTER WITH MAGNETIC ONLY MOLDED CASED CIRCUIT BREAKER DISCONNECT				FVNR - FULL VOLTAGE NON-REVERSING MAGNETIC STARTED WITHOUT DISCONNECT MAN - MANUAL MOTOR STARTED WITH DISCONNECT SWITCH AND REPLACEABLE THERMAL OVERLOAD CONTACTS SDS - STAR DELTA STARTER PWCP - PREWIRED CONTROL PANEL VFD - VARIABLE FREQUENCY DRIVE 282W - 2 SPEED 2 WIRING 281W - 2 SPEED SINGLE WIRING				(5) ACCESSORIES: HOAP - HOA WITH PILOT LIGHT PB - START/STOP PUSH BUTTON (MOMENTARY CONTACT)				(6) KEY TO REMARKS: 1. FIRE ALARM INTERLOCK 2. INTEGRAL DISCONNECT SWITCH BY DIVISION 23 3. MOUNT DISCONNECT SWITCH ON EQUIPMENT HOUSING 4. LESS THAN 1/8 HP, BRANCH CIRCUIT BREAKER MEANS OF DISCONNECT. 5. INTEGRAL DISCONNECT IN VFD BY DIVISION 23.							
ALL MAGNETIC AND SOLID STATE STARTERS ARE TO BE EQUIPPED WITH AUXILIARY CONTACTS, PILOT LIGHTS AND FUSED CONTROL POWER TRANSFORMERS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.																													

Branch Panel: BLSL2

Location: ELECTRICAL B-C-108
Supply From: DISTRIBUTION PANEL EMP
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Main Rating: 100 A
MCB Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	LIGHTING	20 A	1	225 VA	736 VA	0 VA	687 VA	1	20 A LIGHTING	2
3	SPARE	20 A	1					1	20 A LIGHTING	4
5	LIGHTING	20 A	1			269 VA	0 VA	1	20 A DOOR OPENER / ACCESS	6
7	LIGHTING	20 A	1	265 VA	0 VA	0 VA	0 VA	1	20 A DOOR OPENER / ACCESS	8
9	DOOR OPENER / ACCESS	20 A	1					1	20 A DOOR OPENER / ACCESS	10
11	DOOR OPENER / ACCESS	20 A	1			0 VA	0 VA	1	20 A DOOR OPENER / ACCESS	12
13	FIRE ALARM	--	--	0 VA	0 VA			--	CARD ACCESS VESTIBULE 110	14
15	SPARE	0 A	1			0 VA	0 VA	--	CARD ACCESS ELEC RM	16
17	SPARE	0 A	1			0 VA	0 VA	1	0 A SPARE	18
19	SPACE	--	--	0 VA	0 VA			--	SPACE	20
21	SPACE	--	--			0 VA	0 VA	--	SPACE	22
23	SPACE	--	--			0 VA	0 VA	--	SPACE	24
25	SPACE	--	--	0 VA	0 VA			--	SPACE	26
27	SPACE	--	--			0 VA	0 VA	--	SPACE	28
29	SPACE	--	--			0 VA	0 VA	--	SPACE	30
Total Load:				1225 VA	687 VA	269 VA				
Total Amps:				11 A	6 A	2 A				

Panel Totals

Total Conn. Load: 2200 VA
Total Est. Demand: 2636 VA
Total Conn.: 6 A
Total Est. Demand: 7 A

Branch Panel: BCRL2

Location: ELECTRICAL B-C-108
Supply From: EMERGENCY SWITCHBOARD...
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Main Rating: 100 A
MCB Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	LIGHTING	20 A	1	65 VA	720 VA	520 VA	720 VA	1	20 A RECEPTACLE B-C-120	2
3	LIGHTING	20 A	1			900 VA	540 VA	1	20 A RECEPTACLE ROOM 49	4
5	RECEPTACLE B-C-120	20 A	1	1200...	864 VA			1	20 A RECEPTACLE AT EF-1, 2, AHU-1 ON ROOF	6
7	SP-1 IN MOTOR CHILLER ROOM B-C-120	20 A	1					1	20 A EF-2 ON ROOF	8
9	SPARE	0 A	1			0 VA	0 VA	1	0 A SPARE	10
11	SPARE	0 A	1			0 VA	0 VA	1	0 A SPARE	12
13	SPARE	0 A	1	0 VA	0 VA			1	0 A SPARE	14
15	SPARE	0 A	1			0 VA	0 VA	1	0 A SPARE	16
17	SPARE	0 A	1			0 VA	0 VA	1	0 A SPARE	18
19	SPACE	--	--	0 VA	0 VA			--	SPACE	20
21	SPACE	--	--			0 VA	0 VA	--	SPACE	22
23	SPACE	--	--			0 VA	0 VA	--	SPACE	24
25	SPACE	--	--	0 VA	0 VA			--	SPACE	26
27	SPACE	--	--			0 VA	0 VA	--	SPACE	28
29	SPACE	--	--			0 VA	0 VA	--	SPACE	30
Total Load:				2849 VA	1240 VA	1440 VA				
Total Amps:				24 A	10 A	12 A				

Panel Totals

Total Conn. Load: 5529 VA
Total Est. Demand: 5829 VA
Total Conn.: 15 A
Total Est. Demand: 16 A

Branch Panel: TELE-C

Location: OIT 53A
Supply From: EMERGENCY SWITCHBOARD...
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Main Rating: 100 A
MCB Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RECEPTACLE OIT 53A	20 A	1	360 VA	250 VA	720 VA	250 VA	2	20 A RECEPTACLE RACK 1 OIT 53A	2
3	RECEPTACLE OIT 53A	20 A	1			720 VA	250 VA	2	20 A RECEPTACLE RACK 2 OIT 53A	4
5	RECEPTACLE OIT 53A	20 A	1	360 VA	250 VA			2	20 A RECEPTACLE RACK 3 OIT 53A	6
7	RECEPTACLE OIT 53A	20 A	1			100 VA	250 VA	2	20 A RECEPTACLE RACK 4 OIT 53A	8
9	DOOR CONTROLLER 53A	20 A	1			0 VA	250 VA	2	20 A CU-1	10
11	RECEPTACLE OIT CLOSET 107	20 A	1	0 VA	250 VA			2	20 A SPARE	12
13	SPARE	20 A	1			0 VA	250 VA	2	20 A SPARE	14
15	SPARE	20 A	1			0 VA	0 VA	2	20 A SPARE	16
17	SPARE	20 A	1	0 VA	0 VA			2	20 A SPARE	18
19	SPACE	20 A	1			0 VA	0 VA	2	20 A SPARE	20
21	SPACE	20 A	1			0 VA	0 VA	--	SPACE	22
23	SPACE	--	--	0 VA	0 VA			--	SPACE	24
25	SPACE	--	--			0 VA	0 VA	--	SPACE	26
27	SPACE	--	--			0 VA	0 VA	--	SPACE	28
29	SPACE	--	--			0 VA	0 VA	--	SPACE	30
Total Load:				1470 VA	1670 VA	1220 VA				
Total Amps:				13 A	13 A	10 A				

Panel Totals

Total Conn. Load: 4260 VA
Total Est. Demand: 4260 VA
Total Conn.: 12 A
Total Est. Demand: 12 A

Distribution Panel: DP9

Location: ELECTRICAL B-C-108
Supply From: EXISTING MAIN 208/120V...
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Main Rating: 400 A
MCB Rating: 400 A

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	PANEL BNL2-1	3	250 A	200 A	27967 VA	
2	PANEL BNL2-2	3	250 A	200 A	15000 VA	
3	PANEL BEQL2	3	250 A	200 A	23435 VA	
4	SPARE	3	--	100 A	0 VA	
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
Total Conn. Load:					65936 VA	
Total Amps:					183 A	

Panel Totals

Total Conn. Load: 65936 VA
Total Est. Demand: 54524 VA
Total Conn.: 183 A
Total Est. Demand: 151 A

Branch Panel: BNL2-1

Location: ELECTRICAL B-C-108
Supply From: DP9
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Main Rating: 225 A
MCB Rating: N/A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	LIGHTING	20 A	1	2015...	1346...			1	20 A LIGHTING	2
3	LIGHTING	20 A	1		275 VA	1179...		1	20 A LIGHTING	4
5	LIGHTING	20 A	1			857 VA	1254...	1	20 A LIGHTING	6
7	LIGHTING	20 A	1	395 VA	890 VA			1	20 A LIGHTING	8
9	RECEPTACLE B-C-EL1	20 A	1		720 VA	845 VA		1	20 A LIGHTING	10
11	RECEPTACLE B-C-EL2	20 A	1			900 VA	845 VA	1	20 A LIGHTING	12
13	RECEPTACLE B-C-104	20 A	1	720 VA	900 VA			1	20 A RECEPTACLE B-C-104A	14
15	RECEPTACLE B-C-101, B-C-102B	20 A	1		360 VA	1080...		1	20 A RECEPTACLE B-C-105	16
17	RECEPTACLE B-C-102, B-C-102A	20 A	1			900 VA	540 VA	1	20 A RECEPTACLE B-C-105	18
19	RECEPTACLE B-C-106E	20 A	1	540 VA	180 VA			1	20 A RECEPTACLE B-C-103	20
21	RECEPTACLE B-C-106, B-C-106A	20 A	1		900 VA	360 VA		1	20 A RECEPTACLE B-C-103A	22
23	RECEPTACLE B-C-106, B-C-106A	20 A	1			360 VA	720 VA	1	20 A RECEPTACLE B-C-103A	24
25	RECEPTACLE B-C-103	20 A	1	1080...	360 VA			1	20 A RECEPTACLE B-C-103B	26
27	RECEPTACLE B-C-103C	20 A	1		720 VA	720 VA		1	20 A RECEPTACLE B-C-103B	28
29	RECEPTACLE B-C-103	20 A	1			500 VA	360 VA	1	20 A RECEPTACLE B-C-103B	30
31	RECEPTACLE CORRIDOR B-C-C1	20 A	1	720 VA	720 VA			1	20 A RECEPTACLE B-C-EL3	32
33	RECEPTACLE CORRIDOR B-C-C2	20 A	1		540 VA	1080...		1	20 A RECEPTACLE CHILLER ROOM 49, B-C-120	34
35	RECEPTACLE B-C-100, B-C-ST2, EXTERIOR	20 A	1			720 VA	0 VA	1	20 A OTHER VAV CONTROL TX ROOM 49C	36
37	RECEPTACLE OIT 53A	20 A	1	360 VA	0 VA			1	20 A OTHER VAV CONTROL TX ROOM 49C	38
39	RECEPTACLE ELECTRICAL B-C-108	20 A	1		900 VA	0 VA		1	20 A SPARE	40
41	RECEPTACLE - FIRST FLOOR	20 A	1		9670 VA	0 VA	0 VA	1	20 A SPARE	42
Total Load:				12225 VA	87 A	83 A	66 A			
Total Amps:										

Panel Totals

Total Conn. Load: 27890 VA
Total Est. Demand: 25581 VA
Total Conn.: 77 A
Total Est. Demand: 71 A

Branch Panel: BNL2-2

Location: ELECTRICAL B-C-108
Supply From: DP9
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 208Y/120V
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Main Type: MCB
Main Rating: 225 A
MCB Rating: N/A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RECEPTACLE B-C-109	20 A	1	500 VA	180 VA			1	20 A RECEPTACLE B-C-109	2
3	RECEPTACLE B-C-109	20 A	1		500 VA	540 VA		1	20 A RECEPTACLE B-C-109	4
5	RECEPTACLE B-C-109	20 A	1			900 VA	180 VA	1	20 A RECEPTACLE B-C-109	6
7	RECEPTACLE B-C-109A	20 A	1	720 VA	540 VA			1	20 A RECEPTACLE B-C-109	8
9	RECEPTACLE B-C-106A, B-C-113A	20 A	1		720 VA	540 VA		1	20 A RECEPTACLE B-C-111	10
11	RECEPTACLE B-C-109B	20 A	1			360 VA	720 VA	1	20 A RECEPTACLE B-C-111	12
13	RECEPTACLE B-C-113	20 A	1	1260...	180 VA			1	20 A RECEPTACLE B-C-111	14
15	RECEPTACLE B-C-113	20 A	1		1260...	1080...		1	20 A RECEPTACLE B-C-112	16
17	RECEPTACLE B-C-115	20 A	1			900 VA	720 VA	1	20 A RECEPTACLE B-C-112A	18
19	RECEPTACLE B-C-115	20 A	1	720 VA	1080...			1	20 A RECEPTACLE B-C-112B	20
21	RECEPTACLE B-C	20 A	1		720 VA	0 VA		1	20 A CART PREP-CRASH CART RECEPTACLE	22
23	RECEPTACLE C-115	20 A	1			0 VA	0 VA	1	20 A CART PREP-CRASH CART RECEPTACLE	24
25	RECEPTACLE C-115	20 A	1	0 VA	0 VA			1	20 A CART PREP-CRASH CART RECEPTACLE	26
27	RECEPTACLE C-115	20 A	1		0 VA	0 VA		1	20 A CART PREP-CRASH CART RECEPTACLE	28
29	RECEPTACLE C-115	20 A	1			0 VA	0 VA	1	20 A CART PREP-CRASH CART RECEPTACLE	30
31	INTRUSION DETECTION SYSTEM	20 A	1	500 VA	0 VA			1	20 A SPARE	32
33	OTHER STORAGE (FUTURE STAIRS) B-C-ST2	20 A	1		180 VA	0 VA		1	20 A SPARE	34
35	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	36
37	SPARE	20 A	1	0 VA	0 VA			1	20 A SPARE	38
39	SPARE	20 A	1		0 VA	0 VA		1	20 A SPARE	40
41	SPARE	20 A	1			0 VA	0 VA	1	20 A SPARE	42
Total Load:				5680 VA	5540 VA	3780 VA				
Total Amps:				50 A	48 A	32 A				

Panel Totals

Total Conn. Load: 14500 VA
Total Est. Demand: 12385 VA
Total Conn.: 40 A
Total Est. Demand: 34 A

Distribution Panel: BEQH1

Location: ELECTRICAL B-C-108
Supply From: EXISTING SWITCHBOARD
Mounting: SURFACE
Enclosure: NEMA 1

Volts: 480Y/277V
Phases: 3
Wires: 4

A.I.C. Rating: 42,000
Main Type: MCB
Main Rating: 400 A
MCB Rating: 400 A

CKT	Circuit Description	# of Poles	Frame Size
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